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Title:
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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ALIGNMENTS

	CDS	}	misc f	misc_f	5'UTR					source	FEATURES		JOURNAL	TITLE	AUTHORS	REFERENCE	PUBMED	MEDLINE	JOURNAL			TITLE	AUTHORS	REFERENCE		ORGANISM	SOURCE	KEYWORDS	VERSION	ACCESSION		DEFINITION	LOCUS	AF538734
/note="sid-inver; afternatively spinced" /codon_start=1 /product="soluble interleukin-1 receptor accessory	- town-time		<pre>/note="alternative splice site for exon 1 and exon 2" misc feature 205, .206</pre>		1206	/cell line="HepG2"	/clone="L2"	MOI CYDe ITTICANA	/organism="Homo sapiens"		Location/Qualifiers	Philadelphia, PA 19104-6084, USA	Submitted (19-AUG-2002) Department of Pharmacology, University of	Direct Submission		2 (bases 1 to 2063)	12781872		Cell. Signal. 15 (8), 793-802 (2003)	inflammation and apoptosis	accessory protein mRNAs is differentially regulated during	Expression of alternatively spliced interleukin-1 receptor	Jensen, L.E. and Whitehead, A.S.		Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteieoscomi; Mammalia: Rutheria: Primates: Catarrhini: Hominidae: Homo.	Glandar Grandar Warth	Homo sapiens (numan)	•	AF538734.1 GI:33286880	AF538734	e cds: alternatively spliced.	iens clone L2 soluble interleukin-1 receptor acc	AF538734 2063 bp mRNA linear PRI 28-JUL-2003	

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                                                 AAACCGACTATCACTTGGTATATGGGCTGTTATAAAATACAGAATTTTTAATAATGTÄATA
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/dbaxef="GI:33286881"
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PTLLNDTGNYTCMLRNTTYCSKVAFPLEVVQXDSCFNSPMLFVHKLYIEVGIQRITC
ENVDGYFPSSVAFFILTWYGCYKIQNENNVIPEGMNLSFLIALISNNCMYTCVVTYPE
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/note="alternative splice site
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Query Match 86.7%; Score 1869.2; DB 9; Length 1976; Best Local Similarity 95.6%; Pred. No. 0;	/note-"alternative R 11911954 n_signal 19101915	NGRTEHLIRTILTWANGSPKHANPEVHSPHHVVYKKEPGHELLIPCTVYRSFLMS RNEVWWTIDGKKPDDITIDVTINESISHSRTEDETRTQILSIKKVTSEDLKRSYVCHA RSAKGEVAKAAKVKQKGNRCGQ" 1170 1171	/ LTAILS LET JOHNOUVSLYFYGILQSDASERCDDWGLDTWRQIQVFEDEPAR / LTAILS LET JOHNOUVSLYFYGILQSDASERCDDWGLDTWRQIQVFEDEPAR IKCPLFEHFIKENYSTAHSAGLTLIWWTRQDRDLEBPINFELFENNISKEKDVLWFR PTLLNDTGNYTCMLRNTTYCSKVAFPLEVVQXDSCBMKLPVHKLYIEYGQRITC PNYDGYFFSGYKTNYMYGGYKING BENNYLTERSHKLPVHKLYIEYGYNTOVTYPB	<pre>/product="soluble interleukin-1 receptor accessory protein" /protein id="AAQ01757.1" /db xref=act.3396877"</pre>		/clone="L1" /cell line="HepG2" 5'UTR 1.1T9 misc feature 118. 119	rce	OURNAL	PUBMED 12781872 REFERENCE 2 (bases 1 to 1976) AUTHORS Jenser, L.E. TITLE Direct Schmission	accessory protein mRNAs is differentially regulated during inflammation and apoptosis JOURNAL Cell. Signal. 15 (8), 793-802 (2003) WEDITAR 22648004	Catarrhini;	Homo sapiens (human) Homo sapiens Homo sapiens	ITION Homo sapiens clone L1 soluble interleukin-1 receptor acc protein mRNA, complete cds; alternatively spliced. SION AF538732 ON AF538732.1 GI:33286876	RESULT 2 AF538732 1976 bp mRNA linear DRT 28-JHT-2003	Db 2040 CTAAAAAAAAAAAAAAAA 2059	Qy 2136 СТАРАЛАЛАЛАЛАЛАЛАЛА 2155	Qy 2076 GTACTATATTATTCTACAATAAATGGAAATTATAAAAGCCTTCTTGTCAGAAGTGCTGCTC 2135	Qy 2016 AAAATGAAAATCATTTAAATTATGATTTTAAATGGTATACACATGATTTCTATGTTGATA 2075	Db 1860 TTTAAACACTATGTATCAATATTTAAGCAGGTTTATAATATACCAGCAGCCACAATTGCT 1919
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Pennsylvania, 156 Johnson Pavilion, 3420 Hamilton Walk,
Philadelphia, PA 19104, USA
Location/Qualifiers
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Direct Submission
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Jensen, L.E., Muzlo, M., Mantovani, A. and Whitehead, A.S.

IL-1 signaling cascade in liver cells and the involvement soluble form of the IL-1 receptor accessory protein J. Immunol 164 (10), 5277-5286 (2000)
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INGRYFFHLTRTLTVXVVGSFKNAVPFVHSSNGHVYYEKEPGEELLIPCTYYFSTHDS
RNEVWMTIDGKKPDDITIDVTINESISHSRTEDETRTQILSIKKVTSEDLKRSYVCHA
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SOURCE ORGANISM

ACCESSION VERSION KEYWORDS DEFINITION Homo sapiens interleukin 1 receptor accessory protein, transcript variant 2, mRNA (cDNA clone MGC:61532 IMAGE:6160894), complete cds.

GI:31565480

1561 bp

mRNA

linear

PRI 30-JUN-2004

RESULT 4 BC053621

REFERENCE AUTHORS

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Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates; 1 (bases 1 to 1561) Homo sapiens Homo sapiens (human) Craniata; Vertebrata; Catarrhini; Hominidae; Euteleostomi; Homo.

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Schnerch, A., Schein, J.E., Jones, S.J., and Marra, M.A.,

Generation and initial analysis of more than 15,000 full-length

human and mouse cDNA sequences

Boutestin, A., Schein, J.E., Jones, S.J., and Marra, M.A.

Generation and initial analysis of more than 15,000 full-length

human and mouse cDNA sequences

Boutestin, A., Schein, J.S., Jones, S.J., and Marra, M.A.

Generation and initial analysis of more than 15,000 full-length (bases 1 to 1561)

TITLE

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JOURNAL PUBMED

REFERENCE AUTHORS TITLE Strausberg,R.
Direct Submission

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Best Local Similarity
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                                                                                                            Email: cgapbs-r@mail.nih.gov
Tissue Procurement: ATCC/DCTD/DTP
CDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: National Institutes of Health Intramural
Sequencing Center (NISC),
Gaithersburg, Maryland;
Cock items.
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This clone was selected for full length sequencing because it passed the following selection criteria: matched mRNA gi: 24430220.
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Contact: nisc_mgc@nhgri.nih.gov/
Akhter,N., Ayele,K., Beckstrom-Sternberg,S.M., Benjamin,B.,
Akhter,N., Bouffard,G.G., Breen,K., Brinkley,C., Brooks,S.,
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Young,A., Zhang,L.-H. and Green,E.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Submitted (09-JUN-2003) National Institutes of Health, Mammalian Gene Collection (MGC), Cancer Genomics Office, National Cancer Institute, 31 Center Drive, Room 11A03, Bethesda, MD 20892-2590,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NIH-MGC Project URL: http://mgc.nci.nih.gov
Contact: MGC help desk
                        GCCCGGCGACACTGCACCCATCCCGGCTGCTGTTTGCTGCGCCCTCTCAGCTTCCCAAGAA 211
  eccesecsacaciscacccarecesserrectriserseceretereaserreceaasaa 120
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/product="interleukin 1 receptor accessory protein" /protein_id="BAA5421.1" /db_xref="gI:3041773" /db_xref="gI:304173" /db_xref="g	/mol_type="mRNA" /db_xref="taxon:9606" /tissue_type="brain" /dev_stage="fetal" 207. 1919 /codon_start=1	AUTHORS Saito,T. TITLE Direct Submission TOURNAL Submitted (12-AUG-1997) Toshiyuki Saito, National Institute of JOURNAL Sciences, Genome Research Group; Anagawa 4-9-1, Inage, Chiba 263, Japan (E-mail:t_saito@nirs.go.jp, Tel:043-206-3135, Fax:043-251-9818) FEATURES Location/Qualifiers 1. 4724 Source 1. 4724 Forganism="Homo Saniens"	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. REFERENCE 1 (sites) AUTHORS Saito,T. and Seki,N. TITLE Molecular cloning of human interleukin 1 receptor accessory protein JOURNAL Unpublished REFERENCE 2 (bases 1 to 4724)	AB006 Homo compl AB006 AB006 inter	1500 GT 1652 AA 1560 AA	Db 1380 CATAGTAATGAATCAAACTTAAATGAAAATATGAAAAGTTTTCATCTATGTAAGATACTC 1439 OY 1532 AAAATATTGTTTCTGATATTGTTAGTACGGTAATGCCCAAATGTAGCTAAAAAAATCGAC 1591 Db 1440 AAAATATTGTTTCTGATATTGTTAGTACCGTAATGCCCAAATGTAGCTAAAAAAATCAAC 1499 OY 1592 GTGAGTACAGTGAGACACAATTTTGTGTCTGTACAATTATGAAAAAAATTAAAAAAAA	OY 1292 TGTCTGTCATGCTAGAAGTGCCAAAGGCGAAGTTGCCAAAGCAGCCAAGGTGAAGCAGAA 1351 Db 1200 TGTCTGTCATGCTAGAAGTGCCAAAGGCGAAGTTGCCAAAGCAGCAAGGTGAAGCAGAA 1259 OY 1352 AGGTAATAGATGCAGGTCAGTGATGAATCTCTCTCAGCTCCAAATTAACATTGTGGTGAATAA 1411 Db 1260 AGGTAATAGATGCAGTCAGTGATGAATCTCTCAGCTCCAAATTAACATTGTGGTGAATAA 1319 OY 1412 GGACAAAAGGAGAGTTGAGAACAAAGAAGCTCCAGCACCCTAGCCTCTAACC 1471 Db 1320 GGACAAAAGGAAGAATTGAGAACAAGAAGCTCCAGCACCTTAGCCTGACGCATCTAACC 1471 OY 1412 GGACAAAAGGAAGAATTGAGAACAAGAAGCTCCAGCACCTTAGCCTGACGGCATCTAACC 1379 1472 CATAGTAATGAATGAAACTGAAACTAAAATGAAAATTATGAAAATTTCATGTAAGATACTC 1531
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                                                                                                                                                                                                                                                                                                                                                                                         TTTCTGATGGATTCTCGCAATGAGGTTTGGTGGACCATTGATGGAAAAAAACCTGATGAC
 sapiens
sapiens
                                               GI:33286872
                                                                         4575 bp mRNA linear PRI 28-JUL-2003 clone G3K2 soluble interleukin-1 receptor accessory mRNA, complete cds; alternatively spliced.
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1079 1175 1019 1115

1055 959

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839 935 875

815 659 755 599

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635 479 575 419 515

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Query Match Best Local Matches 111 Qy 96	misc_f. 3'UTR polyA_		misc_f	5'UTR	JOURNAL FEATURES source	JOURNAL MEDLINE PUBMED REFERENCE AUTHORS	REFERENCE AUTHORS TITLE
156 GGCGACACTGCACCCATCCCGGCTGCTTTTGCTGCCCCCTCTCAGCTTCCCAAGAAAGGC 215	ch 50.9%; Score 1096.6; DB 9; Length 4575; al Similarity 99.6%; Pred. No. 2.3e-218; lill(); Conservative 0; Mismatches 4; Indels 1; Gaps 1; 96 TGCCGGGATCCAGGTCTCCGGGGTCCGCTTTGGCCAGAGGGCGCGGAAGGAA	NGATFHLIRTLYWAVGSPKNAVPPVIISPNDHYWYEKEPGEEILIPCTWYFSFLMDS RNEWWWIIDGKKPDDITIDVTINESASSKIHSGTGLWFWSHSPASGDSHCCLPCLLAR DGPILPGSFWNR" [feature 11081109 /note="alternative splice site for exon 8 and exon 10" 12484575 _signal 45514556	/product="soluble interleukin-1 receptor accessory protein-beta" /protein_id="AAQ01755.1" /db_xref="GI:33286873" /translation="MTILLWCVVSLYFYGILQSDASERCDDWGLDTMRQIQVFEDEPAR /translation="MTILLWCVVSLYFYGILQSDASERCDDWGLDTMRQIQVFEDEPAR IKCPLFEHFIKENYSTARSGLTLIWYWTRQDRDLEBPINFRLPENKIIEXGEKDVLWFR PTLLNDTGNYTCMLRWTYCSKYAFFLEVVQKDSCFNSPMKLPVHKLYIEXGIQRITC PNVDGYFPSSVKPTITWYMGCYKIQNFNNVIPEGMNLSFLIALISNNGNYTCVVTYPE	/note 205. /note 207. /note /code		Direct Sub Submitted Pennsylvan Philadelph	Inilammatich and apoptosis Cell. Signal. 15 (8), 793-802 (2003) 22664804 12781872 2 (bases 1 to 4575) Jensen, L.E.	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 4575) Jensen, L.E. and Whitehead, A.S. Expression of alternatively spliced interleukin-1 receptor accessory protein mRNAs is differentially regulated during
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AF538733 LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS TITLE	25 A2 B5 42		20 20 20 20 20 20 20 20 20 20 20 20 20 2	QY QY	5 P P P	4 A 40	8 B 8	מ עם
AF538733 AF538733 N Homo sapiens clone G2K1 membrane bound interleukin-1 accessory protein mRNA, complete cds; alternatively s AF538733 AF538733.1 GI:33286878 Homo sapiens (human) Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; F Mammalia; Eutheria; Primates; Catarrhini; Hominidae; 1 (bases 1 to 4637) Jensen, L.B. and Whitehead, A.S. Expression of alternatively spliced interleukin-1 recaccessory protein mRNAs is differentially regulated dinflammation and apoptosis	1110	, 9 2 2 3	876 CCCGAAGGTATGAACTTGAGTTTCCTCATTGCCTTAATTCAAATAATGGAAATTACACA	660 GAATATGCATTCAGAGGATCACTTGTCCAAATGTAGATGGATATTTTCCTTCC		480 ATTAGTAAGGAAAGATGTCCTGTCGTTCCGCCCCTCCCTAATGACAACTGCAACTGCAACTGCAACTTCCCCTTGGCAACTTCCCATGCAAGTTACCCTTGCAAGAACACTACATATTGCAGCAAAGTTGCATTTCCCCTTGGAAGTTCAACTATTGCAGCAAAGTTGCATTTCCCTTGGAAGTTTACCTTGGAAGTTATTGCAGCAAAGTTGCATTTCCCTTGGAAGTTTACCTTGGAAGTTTACCTTGGAAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTTACCTTTGGAAGTTATATACTATATATA	516 TGGACTAAGGAGGAGCGGGAGCCTTGAGGAGCCAATTAACTTCCGCCTCCCCGAGAACCGC	

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Jensen, L.E.
Direct Submission
Submitted (19-AUG-2002) Department of Pharmacology, University of Pennsylvania, 156 Johnson Pavilion, 3620 Hamilton Walk, Philadelphia, Pa 19104-6084, USA
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Cell. Signal.
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      CACTTCTTGAAATTCAACTACAGCACAGCCCATTCAGCTGGCCTTACTCTGATCTGGTAT 515
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                                                                   ATGAGGCAAATCCAAGTGTTTGAAGATGAGCCAGCTCGCATCAAGTGCCCACTCTTTGAA
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//db xref="GI:33286879"
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//trānslation="MTLLWCVVSLYFYGILQSDASERCDDWGLDTWRQIQVPEDEPAR
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IKCPLFEHFLKFNYSTAHSAGLILIWYWWRQDEDLEBPINFRLPENGIRTSCHOFT
IKCPLFEHFLKFNYSTAHSAGLILIWYWRQDEDLEBPINFLYTHALISNNGNYTCVVTYFF
PINLLWCHGARTYVGSFKAVPPVIHSPNDHVVYSKEDGEBLLIPCTVYFSFLMDS
NGRFFHLFRTLTVVKVGSFKAVPPVIHSPNDHVVYSKEDGEBLLIPCTVFSFLMDS
RNEVWWTIDGKKPDDITIDVTINESISHSRTEDETRTQILSIKKYTSEDLKRSYVCHA
RSAKGEVAKAKVKQKVPAPRYTYBLAGGFGATVLTVILTUVTHVYWLEMVIFYRAH
FGTDETILDGKEYDIYYSYSANABEBEFPVLLTLRGVLENBFGYKLCIFDRDSLFGGIV
TDETLSFIQKSRTLLVVLSPNYVLQGTQALLELKAGLENMASRGNINVILVQYKAVKE
TKXXELKRAKTVLTVIKMKGEKSKYPQGRFWKQLQVAMPVKKSPRRSSSDEQGLSYSS
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/mol type="mRNA"
/db_xref="taxon:9606"
/clone="GZXI"
/cell_line="HepG2"
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/note="alternative splice site for /note="alternative splice splice
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                                                                                                                                                                                                                                                                                                     GAAAATGGACGTACGTTTCATCTCACCAGGACTCTGACTGTAAAGGTAGTAGGCTCTCCA 1013
                                                                                                                                                                                                                                                                                                                                                                                                                                                          TATATGGGCTGTTATAAAATACAGAATTTTAATAATGTAATACCCGAAGGTATGAACTTG
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                                                                           AATGAGGTTTGGTGGACCATTGATGGAAAAAAACCTGATGACATCACTATTGATGTCACC 1193
                                                                                                                                                                                            GAAAATGGACGTACGTTTCATCTCACCAGGACTCTGACTGTAAAGGTAGTAGGCTCTCCA
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    ATTAACGAAAGTATAAGTCATAGTAGAACAGAAGATGAAACTAGAACTCAGATTTTGAGC
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Location/Qualifiers
1. .1740
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MEDLINE
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Best Local Similarity
Matches 1058; Conserv
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1 (bases 1 to 1740)

Huang, J., Gao, X., Li, S. and Cao, Z.

Recruitment of IRAK to the interleukin 1 receptor complex requires interleukin 1 receptor accessory protein

Proc. Natl. Acad. Sci. U.S.A. 94 (24), 12829-12832 (1997)

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Huang, J., Gao, X., Li, S. and Cao,
Direct Submission
Submitted (07-OCT-1997) Biology,
South San Francisco, CA 94080, U
Location/Qualifiers
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Homo sapiens IL-1 receptor accessory protein mRNA,
AF029213
AF029213.1 GI:2599126
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                                                                                                AGTGATGCCTCAGAACGCTGCGATGACTGGGGGACTAGACACCATGAGGCAAATCCAAGTG
                                                                                                                                       TCTCAAAGGATGACACTTCTGTGGTGTGTGTGTGTGTCTCTACTTTTATGGAATCCTGCAA
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/product="IL-1 receptor accessory protein"
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mol_type="mRNA"
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SOURCE	LOCUS DEFINITION ACCESSION VERSION	RESULT 11 AX616663	Qy db	45 AS	Dy Qy	Qy Db	dg VQ	Db Qq	Db Qy	QQ VQ	Qу	Qy Qy	Qy dd	dg VQ	Qy Db	A A	Db Db	Db
Homo sapiens (human) M Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;	AX616663 1713 bp DNA linear PAT 20-FEB-2003 N Sequence 20 from Patent WO02095414. AX616663 AX616663.1 GI:28447606		1314 AAAGGCGAAGTTGCCAAAGCAGCCAAGGTGAAGCAGAAAG 1353 	1254 ATCAĀGAAAGTTACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTC	1194 ATTAACGAAAGTATAAGTCATAGTAGAACAGAAGAAGATGAAACTCAGATTTTGAGC 1253 	1134 AATGAGGTTTGGTGGACCATTGATGGAAAAAAACCTGATGACATCACTATTGATGTCACC 1193 	1074 CCAGGAGAGGAGCTACTCATTCCCTGTACGGTCTATTTTAGTTTTTCTGATGGATTCTCGC 1133	1014 AAAAATGCAGTGCCCCCTGTGATCCATTCACCTAATGATCATGTGGTCTATGAGAAAGAA	954 GAAAATGGACGTACGTTTCATCTCACCAGGACTCTGACTGTAAAGGTAGTAGGCTCTCCA 1013 	894 AGTTTCCTCATTGCCTTAATTTCAAATAATGGAAATTACACATGTGTTGTTACATATCCA 953 [834 TATATGGGCTGTTATAAAATACAGAATTTTAATAATGTAATACCCGAAGGTATGAACTTG 893	774 ATCACTTGTCCAAATGTAGATGGATATTTTCCTTCCAGTGTCAAACCGACTATCACTTGG 833	714 TTCAATTCCCCCATGAAACTCCCAGTGCATAAACTGTATATAGAATATGGCATTCAGAGG 773 	654 AACACTACATATIGCAGCAAAGTIGCATTICCCTIGGAAGITGTICAAAAAGACAGCTGT 713 	594 GIGCIGIGGITCCGGCCCACTCICCTCAAIGACACIGGCAACTAIACCIGCAIGITAAGG 653	534 GACCTTGAGGAGCCAATTAACTTCCGCCTCCCCGAGAACCGCATTAGTAAGGAGAAAGAT 593	474 TACAGCACAGCCCATTCAGCCTGGCCTTACTCTGATCTGGTATTGGACTAAGCAGGACCGG 533	1 TTTGAAGATGAGCCAGCTCGCATCAAGTGCCCACTCTTTGAACACTTCTTGAAATTCAAC 18
Qy 1083 GAGCTACTCATTCCC	Qy 1023 GTGCCCCCTGTGATC	QY 963 CGTACGTTTCATCTC Db 661 CGTACGTTTCATCTC	Qy 903 ATTGCCTTAATTC	Qy 843 TGTTATAAAATACAC Db 541 TGTTATAAAATACAC	Qy 783 CCAAATGTAGATGG Db 481 CCAAATGTAGATGGA	Qy 723 CCCATGAAACTCCC/ Db 421 CCCATGAAACTCCC/	Qy 663 TATTGCAGCAAAGTT	Qy 603 TTCCGGCCCACTCTC	Qy 543 GAGCCAATTAACTTG	Qy 483 GCCCATTCAGCTGGG	Qy 423 GAGCCAGCTCGCAT(Qy 363 TCAGAACGCTGCGAY	Qy 303 ATGACACTTCTGTGG	Query Match Best Local Similarity 99.8%; Matches 1049; Conservative	/mol tyy /mol tyy /db_xref		AUTHORS Gee, N., Brown, J. TITLE Methods for scree	Mammalia 1
GAGCTACTCATTCCCTGTACGGTCTATTTTAGTTTTCTGATGGATTCTCGCAATGAGGTT 1142 	GTGCCCCCTGTGATCCATTCACCTAATGATCATGTGGTCTATGAGAAAAGAACCAGGAGAG 1082 	CGTACGTTTCATCTCACCAGGACTCTGACTGTAAAGGTAGTAGGCTCTCCAAAAAATGCA 1022 	ATTGCCTTAATTTCAAATAATGGAAATTACACATGTGTTGTTACATATCCAGAAAATGGA 962 	TGITATAAAATACAGAATTTTAATAATGTAATACCCGAAGGTATGAACTTGAGTTTCCTC 902 	CCAAATGTAGATGGATATTTTCCTTCCAGTGTCAAACCGACTATCACTTGGTATATGGGC 842	CCCATGAAACTCCCAGTGCATAAACTGTATATAGAATATGGCATTCAGAGGATCACTTGT 782	TATTGCAGCAAAGTTGCATTTCCCTTGGAAGTTGTTCAAAAAGACAGCTGTTTCAATTCC 722	TICCGGCCCACICICCICATGACACIGGCAACTATACCIGCAIGITAAGGAACACTACA 662 	GAGCCAATTAACTTCCGCCTCCCCGAGAACCGCATTAGTAAGGAGAAAGATGTGCTGTGG 602	GCCCATTCAGCTGGCCTTACTCTGATCTGGTATTGGACTAAGCAGGACCGGGACCTTGAG 542	GAGCCAGCTCGCATCAAGTGCCCACTCTTTGAACACTTCTTGAAATTCAACTACAGCACA 482 	TCAGAACGCTGCGATGACTGGGGACTAGACACCATGAGGCAAATCCAAGTGTTTGAAGAT 422	ATGACACTTCTGTGGTGTGTAGTGAGTCTCTACTTTTATGGAATCCTGCAAAGTGATGCC 362	.6%; Score 1047.8; DB 6; Length 1713; .6%; Pred. No. 3.4e-208; 0; Mismatches 2; Indels 0; Gaps 0;	pe="unassigned DNA" f="taxon:9606"	WARNER-LAMBERT COMPANY (US) Location/Qualifiers ce 1. 1713 """ Company (US)	Brown, J. and Bertelli, F. for screening using interleukin soluble trimolecular wo 02005414-b 20 28-NOV-2002.	ia; Primates; Catarrhini; Hominidae; Homo.

Db 61 TCAGAACGCTGCGATGACTGCGGGACTAGACACCATGAGGCAAATCCAAGTGTTTAAGAT 120 Best Local Similarity 99.88; Pred. No. 3.4e-208; Matches 1049; Conservative 0; Mismatches 2; Indels 0; Gaps 0; Matches 1049; Conservative 0; Mismatches 2; Indels 0; Gaps 0; 93	feature	/translation="MTILIWCVVSLYFYGILQSDASERCDDWGLDTMRQIQVFEDEPAR IKCPLEEFILKENYSTAHSAGLITLIWYWTRQDRDEEPINEFRLEENYLSKEXDVLWFR IKCPLEENTELNDTGNYTCWILNITTYCSKYAFPLEVVQKDSCENSBWKLEVHKLYIEXGIQRITC PTILLNDTGNYTCWILNITTYCSKYAFPLEVVQKDSCENSBWKLEVHKLYIEXGIQRITC PNVDGYEPSSVKEPTITWYMGCKIQNENVUIBGMNLSFLIALISNNGNYTCVVTYPE NGRTFHLIRTLTVKVVQSEPKNAVPFVIHSPNDHVYYEKEPGEELLIFCTVYFSFIMDS RNEVWWTIDGKKEPDITIDVTINESISISRTEDETRTQLISIKKVTSEDLKRSYVCHA RSAKGBVAKAAKVXQKVPAPRTUVELACGFGATVLLVVILIVYHVFMLEWYLFYRAH FGTDETILDGKEYDIYVSYARNAEEEBFVLLTIRGVLENEFGYKLCIFDRDSLPGGNT VEAVFDFIQAGRARNIVVLSPDYYTEKSISMLEFKLGVQQNSLATKLLTVYTATREDT VEAVFDFIQAGRARNIVVLSPDYYTEKSISMLEFKLGVQQNSLATKLTVYTATREDT VEAVFDFIQAGRARNIVVLSPDYYTEKSISMLEFKLGVQQNSLATKLTVTYTATREDT VEAVFDFIQAGRARNIVVLSPDYYTEKSISMLEFKLGVQQNSLATKLTVTYTATREDT VEAVFDFIQAGRARNIVVLSPDYTEKSISMLEFKLGVQNGLATKLTVTYTATREDT VEAVFDFIQAGRARNIVVLSPDYTEKSISMLEFKLGVGNGLATKLTVTYTATREDT VEAVFDFIQAGRARNIVVLSPDYTEKSISMLEFKLGVGNGLATKLTVTYTATREDT VEAVFDFIQAGRARNIVVLSPDYTEKSISMLEFKLGVGNGLATKLTVTYTATREDT VEAVFDFIQAGRARNIVVLSPDYTTEKSISMLEFKLGVGNGLATKLTVTYTEXRELEHF	/organism="nomo septems" /mol_type="unassigned_DNA" /db_xref="unassigned_DNA" 1.	AUTHORS Sims, J.E. and Smith, D.E. AUTHORS Sims, J.E. and Smith, D.E. TITLE I1-1 receptor accessory protein JOURNAL Patent: WO 02064630-A 1 22-AUG-2002; IMMUNEX CORPORATION (US) FEATURES Location/Qualifiers Source 12064	AX704564 AX704564.1 GI:29538642 AX704564.1 GI:29538642 Homo sapiens Eukaryota; Metazoa; Chc Mammalla; Butheria; Pri	RESULT 12 AX704564 AX704564 DEFINITION Sequence 1 from Patent W002064630.	1323 GTTGCCAAAGCAGCCAAGGTGAAGCAGAAAG 1353 	QY 1263 GTTACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTCATGCTAGAAGTGCCAAAAGGCGAA 1322	QY 1203 AGTATAAGTAGTAGAACAGAAGATGAAACTAGAACTCAGATTTTGAGCATCAAGAAA 1262	QY 1143 TGGTGGACCATTGATGGAAAAAAACCTGATGACATCACTATTGATGTCACCATTAACGAA 1202
Db 1021 dridcichhadciaddidhaddadhadd 1051 RESULT 13 BD231181 LOCUS BD231181 DEFINITION Antagonist based on receptor and prepration and utilization methods. ACCESSION BD231181 VERSION BD231181.1 GI:33040951	QY 1203 AGTATAAGTCATAGTAGAACAGAAGATGAAACTTAGAACTTAGAACTTAGAAAAAAA 1262		QY 963 CGTACGTTTCATCTCACCAGGACTCTGACAGGTAGTAGGCTCTCCAAAAAATGCA 1022	Qy 843 TGTTATAAATACGAATTTTAATATGTAATACCGAAGGTATGAACTTGAGTTTCCTC 902	421 CCATGAACTCCCAGTGCATAAACTGTATATAGAATATGGCATTCAGAGGATCACTTGT 783 CCAARTGTAGATGGATATTTCCTTCCAGTGTCAAACCGACTATCACTTGATATATGGC [OY 663 TATTGCAGCAAAGTTGCATTTCCCTTGGAAGTTGTTCAAAAAGACAGCTGTTTCAATTCC 722	603 301	OY 543 GAGCCAATTAACTTCCGCCTCCCCGAGAACCGCATTAGTAAGGAGAAAGATGTGCTGTGG 602	QY 483 GCCCATTCAGCTGGCCTTACTCTGATCTGGACTAAGCAGGACCGGGACCTTGAG 542	OY 423 GAGCCAGCTCGCATCAAGTGCCCACTCTTTGAACACTTCTAGAAATTCAACTACAGCACA 482

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REFERENCE
AUTHORS
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PD 13-AUG
PD 13-AUG
PR 25-SEP
PR 25-SEP
NEIL STAHL, G
PC C12N15/
PC A61K38/
PC A61K38/
PC C12N5/
PC A61K37/
PC A61K37/
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Antagonist based on receptor and prepration and utilization methods
Patent: JP 2002525119-A 7 13-AUG-2002;
REGENERON PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002525119-A/7
PD 13-AUG-2002
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1 (bases 1 to 2733)
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Homo sapiens (human)
                                              CCAAATGTAGATGGATATTTTCCTTCCAGTGTCAAACCGACTATCACTTGGTATATGGGC 842
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TTCCGGCCCACTCTCCTCAATGACACTGGCAACTATACCTGCATGTTAAGGAACACTACA 662
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TCAGAACGCTGCGATGACTGGGGACTAGACACCATGAGGCAAATCCAAGTGTTTGAAGAT 422
                                                                                                                                                                                       CCCATGAAACTCCCAGTGCATAAACTGTATATAGAATATGGCATTCAGAGGATCACTTGT
                                                                                                                                                                                                                                                                         TATTGCAGCAAAGTTGCATTTCCCTTGGAAGTTGTTCAAAAAGACAGCTGTTTCAATTCC 420
                                                                                                                                                                                                                                                                                                                 TATTGCAGCAAAGTTGCATTTCCCTTGGAAGTTGTTCAAAAAAGACAGCTGTTTCAATTCC 722
                                                                                                                                                                                                                                                                                                                                                                                                          TTCCGGCCCACTCTCCTCAATGACACTGGCAACTATACCTGCATGTTAAGGAACACTACA 360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GCCCATTCAGCTGGCCTTACTCTGATCTGGTATTGGACTAGGCAGGACCGGGACCTTGAG 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GAGCCAGCTCGCATCAAGTGCCCACTCTTTGAACACTTCTTGAAATTCAACTACAGCACA 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TCAGAACGCTGCGATGACTGGGGGACTAGACACCATGAGGCCAAATCCAAGTGTTTGAAGAT 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATGGTGCTTCTGTGGTGTGTGGAGTCTCTACTTTTATGGAATCCTGCAAAGTGATGCC 60
                                                                                                                                    CCCATGAAACTCCCAGTGCATAAACTGTATATAGAATATGGCATTÇAGAGGATCACTTGT 480
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GAGCCAATTAACTTCCGCCTCCCCGAGAACCGCATTAGTAAGGAGAAAGATGTGCTGTGG 300
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25-SEP-1998 US 60/101858,19-MAY-1999 US 09/313942 PI
25-SEP-1998 US KOMICOPOULOS
C12N15/09,C07K14/715,C07K19/00,C12N1/19,C12N1/21,C12NE/10,
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1. .2733
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TGTTATAAAATACAGAATTTTAATAATGTAATACCCGAAGGTATGAACTTGAGTTTCCTC 902

	CDS	JOURNAL FEATURES Source	REFERENCE AUTHORS	SOURCE ORGANISM	VERSION	RESULT 14 CQ796431 LOCUS DEFINITION	Db 10	Οу 13	Db 9	Оу 12	Qy 12 Db 9	9 dd	0у 11	Db 7	Qy 10	Qy . 10 Db 7	Db 6	Qy 9	Db 6	Qy 9	Db 5
AG26525.1"	/organism="Homo Sapiens" /mol_type="unassigned DNA" /db_xref="taxon:9606" 12733 /note="unnamed protein product"	Patent: EP 1405915-A 27 07-APR-2004; Patent: EP 1405915-A 27 07-APR-2004; REGENERON PHARMACEUTICALS, INC. (US) Location/Qualifiers 12733	Yancopoulos, G.D.	Homo sapiens (human) Homo sapiens Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.	Q79643	CQ796431 2733 bp DNA linear PAT 19-APR-2004 Sequence 27 from Patent EP1405915.	021 GTTGCCAAAGCAGCCAAGGTGAAGCAGAAAG 1051	323 GTTGCCAAAGCAGCCAAGGTGAAGCAGAAAG 1353	61 GTTACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTCATGCTAGAAGTGCCAAAGGCGAA 1020	63	03 AGTATRAGTCATAGTAGAACAGAAGATGAAACTAGAACTCAGATTTTGAGCATCAAGAAA 1262 	841 TGGTGGACCATTGATGGAAAAAAACCTGATGACATCACTATTGATGTCACCATTAACGAA 900	.143 TGGTGGACCATTGATGGAAAAAAACCTGATGACATCACTATTGATGTCACCATTAACGAA 1202	781 GAGCTACTCATTCCCTGTACGGTCTATTTTAGTTTTTCTGATGGATTCTCGCAATGAGGTT 840	083 GAGCTACTCATTCCCTGTACGGTCTATTTTAGTTTTCTGATGGATTCTCGCAATGAGGTT 1142	.023 GTGCCCCCTGTGATCCATTCACCTAATGATCATGTGGTCTATGAGAAAGAA	61 CGTACGTTTCATCTCACCAGGACTCTGACTGTAAAAGGTAGGT	ဌ	01 ATTGCCTTAATTTCAAATAATGGAAATTACACATGTGTTGTTACATATCCAGAAAATGGA 660	03	941 TGTTATAAAATACAGAATTTTAATAATGTAATACCCGAAGGTATGAACTTGAGTTTCCTC 600

843	1203 AGTATAAGTCATAGTAGAACAGAAGATGAAACTAGAACTCAGATTTTGAGCATCAAGAAA
QY 783 CCAAATGTAGATGGATATTTTCCTTCCAGTGTCAAACCGACTATCACTTGGTATATGGGC 842	Qy 1143 TGGTGGACCATTGATGGAAAAAAACCTGATGACATCACTATTGATGTCACCATTAACGAA 1202
OY 723 CCCATGAAACTCCCAGTGCATAAAACTGTATATAGAATATGGCATTCAGAGGATCACTTGT 782	Qy 1083 GAGCTACTCATTCCCTGTACGGTCTATTTTAGTTTTCTGATGGATTCTCGCAATGAGGTT 1142
OY 663 TATTGCAGCAAAGTTGCATTTCCCTTGGAAGTTGTTCAAAAAGACAGCTGTTTCAATTTCC 722	QY 1023 GTGCCCCCTGTGATCCATTCACCTAATGATCATGTGGTCTATGAGAAAGAA
OY 603 TICCGGCCCACTCTCCTCAATGACACTGGCAACTATACCTGCATGTTAAGGAACACTACA 662	Qy 963 CGTACGTTTCATCTCACCAGGACTCTGACTGTAAAGGTAGGT
Oy 543 GAGCCAATTAACTTCCGCCTCCCCGAGAACCGCATTAGTAAGGAGAAAGATGTGCTGTGG 602	Qy 903 ATTGCCTTAATTTCAAATAATGGAAATTACACATGTGTTGTTACATATCCAGAAAATGGA 962
OY 483 GCCCATTCAGCTGGCCTTACTCTGATCTGGTATTGGACTAAGCAGGACCGGGACCTTGAG 542	OY 843 TGTTATAAAATACAGAATTTTAATAATGTAATACCCGAAGGTATGAACTTGAGTTTCCTC 902
Qy 423 GAGCCAGCTCGCATCAAGTGCCCACTCTTTGAACACTTCTTGAAATTCAACTACAGCACA 482	Oy 783 CCAAATGTAGATGGATATTTTCCTTCCAGTGTCAAACCGACTATCACTTGGTATATGGGC 842
OY 363 TCAGAACGCTGCGATGACTGGGGACTAGACACCATGAGGCAAATCCAAGTGTTTGAAGAT 422	Qy 723 CCCATGAAACTCCCAGTGCATAAACTGTATATAGAATATGGCATTCAGAGGATCACTTGT 782
OY 303 ATGACACTTCTGTGGTGTGTGAGTCAGTGACTTTTATGGAATCCTGCAAAGTGATGCC 362	Qy 663 TATTGCAGCAAAGTTGCATTTCCCTTGGAAGTTGTTCAAAAAGACAGCTGTTTCAATTCC 722
Query Match 48.4%; Score 1043; DB 6; Length 2733; Best Local Similarity 99.5%; Pred. No. 3.4e-207; Matches 1046; Conservative 0; Mismatches 5; Indels 0; Gaps 0;	Qy 603 TTCCGGCCCACTCTCCTCAATGACACTGGCAACTATACCTGCATGTTAAGGAACACTAĆA 662
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TITLE Receptor based antagonists and methods of making and using JOURNAL Patent: US 6472179-A 27 29-OCT-2002; FEATURES Location/Qualifiers	Qy 483 GCCCATTCAGCTGGCCTTACTCTGATCTGGTATTGGACTAAGCAGGACCGGGACCTTGAG 542
SIN	Qy 423 GAGCCAGCTCGCATCAAGTGCCCACTCTTTGAACACTTCTTGAAATTCAACTACAGCACA 482
7288133	Qy 363 TCAGAACGCTGCGATGACTGGGGACTAGACACCATGAGGCAAATCCAAGTGTTTGAAGAT 422
AR242283	Qy 303 ATGACACTTCTGTGGTGTGTGTGGGAGTCTCTACTTTATGGAATCCTGCAAAGTGATGCC 362
Qy 1323 GTTGCCAAAGCAGCCAAGGTGAAGCAGAAAG 1353 Db 1021 GTTGCCAAAGCCAAGGTGAAGCAGAAAG 1051	Query Match 48.4%; Score 1043; DB 6; Length 2733; Best Local Similarity 99.5%; Pred. No. 3.4e-207; Matches 1046; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
Db 901 AGTATAAGTCATAGTAGAACAAGAAGAAGAACAAGAACTCAGATTTTGAGCATCAAGAAA 960 Qy 1263 GTTACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTCATGCTAGAAGTGCCAAAGGCGAA 1322	DYYSVENPANKRRSTLITVLNISEIESRFYKHPFTCFAKNTHGIDAAYIQLIYPVTNS GDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNW YVDGYEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKT ISKAKGQPREPQYYTLPPSREEMTKNQVSLTCLVKGFYESDIAVEWESNGQPENNYKT TPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK"

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1323 1021	1263 961	1203 901	1143 841	1083 781	1023 721	963 661	903	541
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Search completed: December 25, 2004, 17:40:30 Job time : 9066 secs

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1: geneseqn1980s:*
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(c) 1993 - 2004 Compugen Ltd.
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Aav23659 Human int
Adf90863 Human hep
Aad51467 IL-1 rece
Adp13278 Renal cel
Aas15608 Human int
Abx12962 DNA encod
Abg81182 Human IL-
Aat32027 Soluble i
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ALIGNMENTS

RESULT 1
AAV23659
ID AAV2
XX
AC AAV2
XX

AAV23659 standard; cDNA; 2155

ВP

17-AUG-1998 AAV23659;

(first entry)

Interleukin-1 receptor accessory molecule; IL-1R AcM; human; signal transduction; infection; septic shock; inflammation; rheumatoid arthritis; therapy; ds.

Human interleukin-1 receptor accessory molecule cDNA

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FREXSXXXXXX
Claim 2; Fig 1; 95pp; English
               Nucleic acid encoding interleukin-1 receptor accessory protein - used for therapeutic modulation of \text{IL-1} activity.
                                        WPI; 1998-230267/20.
P-PSDB; AAW53897.
                                                                                                                                                                           mat_peptide
                                                                                                                                                                                           sig_peptide
                                                                                                                                                                                                              CDS
                                                                                                                                                                                                                                       Homo sapiens
                                                                 Bednarik DP, Olsen HS,
                                                                                                  26-AUG-1996;
                                                                                                                                   05-MAR-1998.
                                                                                                                                                     WO9808969-A1
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                                                                                 (HUMA-) HUMAN GENOME SCI
                                                                                                   96WO-US013954.
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303. .353
/*tag= b
354. .1370
/*tag= c
                                                                                                                                                                                                             Location/Qualifiers 303. .1373
                                                                                   INC.
                                                                 Rosen CA;
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CC (ILI-R ACM) (see AAW53897), a new member of the immunoglobulin consuperfamily that forms a complex with type 1 ILI-R and which has higher affinity for ILI-1 than the receptor itself, suggesting that the known chigh and low affinity forms of ILI-R are in fact the receptor with or considerable without ILI-R ACM, respectively. The 2155 bp sequence is present in clone CC HMEBUS (deposited as ATCC 97666) derived from microvascular epithelium co (no details of isolation given). Recombinant expression in Escherichia coil, mammalian and insect cells is described. Recombinant host cells and recombinant vectors are claimed. Also claimed are isolated nucleic acid combicules encoding epitope-bearing portions (see AAW53898-915) of ILI-R ACM. Recombinant Vectors are claimed. Also claimed are isolated nucleic acid cantegonists useful for therapeutic modulation of ILI-1 activity, and to craise specific antibodies. Nucleic acid fragments are useful as coil diagnostic probes and primers, for isolation of ILI-1 activity, and to captor sequences, for in situ hybridisation to determine chromosomal collection of the gene, for chromosome identification and for identifying mutations that might be linked to disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local S
Matches 2153
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                                                      CATATTGCAGCAAAGTTGCATTTCCCTTGGAAGTTGTTCAAAAAGACAGCTGTTTCAATT
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                                                                                                          GGTTCCGGCCCACTCTCCTCAATGACACTGGCAACTATACCTGCATGTTAAGGAACACTA
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                                                                                                        The present invention relates to hepatic-fibrosis disease markers (ADF90539-ADF90871) and related proteins (ADF90672-ADF90917). The sequences are useful for detecting and treating hepatic fibrosis caused by alcohol consumption, virus infection, etc., and the associated chronic hepatitis, etc. leading to liver cirrhosis and hepatic carcinoma. The markers allow the cause of hepatic fibrosis to be clarified (diagnostic precision), so more suitable treatments can be developed and given.
                                                                                    Sequence
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 Drug screening; fungicide; gene therapy; antibacterial; infection;
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virucide; interleukin-1; IL-1 receptor accessory protein; IL-1Rac; ds.
                                                                                                                       Unidentified.
                                                                                                              Location/Qualifiers
207. .1919
                                                                                                         /*tag= a
/product= "IL-1Rac
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                                                                                                                               gene;
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WO2002101015-A2.

19-DEC-2002

11-JUN-2002; 2002WO-US018346

11-JUN-2001; 2001US-0297305P

(INTE-) INTERLEUKIN GENETICS INC

Dower

P-PSDB; WPI; 2003-148793/14. DB; AAE33567.

New detection reagent, useful for monitoring molecular assembly events to permit the dissection of genetic and non-genetic influences on biological activity, comprises an interactive sensor pair.

Disclosure; Fig 9; 56pp; English

commonitoring molecular assembly events. It also relates to a detection reagent comprising an interactive sensor pair. The detection reagent is compared to monitoring molecular assembly events to permit the dissection of genetic and non-genetic influences on a particular biological cativity. The method is useful for linking genetic variations to concludar and physiological events, drug screening, diagnostics, therapy content and dosing, patient monitoring or environmental safety. The interactive sensor pairs may be used to screen for and identify novel agonists and antagonists or other molecules that modulate a biological activity. The method is also useful for selecting an appropriate targeted therapeutic for a subject having an infection, including viral, bacterial or fungal infection. It is also used in gene therapy. The present sequence is interleukin-1 receptor accessory protein (II-lac) gene. This sequence is used to illustrate the method of the invention The invention relates to methods, compositions and apparatus

Sequence 4724 BP; 1422 A; 902 C; 902 G; 1498 T; 0 U; 0 Other;

DB 10;

Length

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                 TTGCCCCTCCCTTTAATATCTCAAAGGATGACACTTCTGTGGTGTGTAGTGAGTCTCTAC
                                               ATCGTCATGTGATCATCACCTAAGAACTAGAACATCAGCAGGCCC-TAGAAGCCTCACTC
                                                                ATCGTCATGTGATCATCACCTAAGAACTAGAACATCAGCAGGCCCTTAGAAGCCTCACTC
                                                                                                         GGCGACACTGCACCCATCCCGGCTGCTTTTGCTGCGCCCTCTCAGCTTCCCAAGAAAGGC
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Pred. No. 1.3e-279;
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TTTTATGGAATCCTGCAAAGTGATGCCTCAGAACGCTGCGATGACTGGGGACTAGACACC

TTTTATGGAATCCTGCAAAGTGATGCCTCAGAACGCTGCGATGACTGGGGGACTAGACACC

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26-AUG-2004 ADP13278 ADP13278

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Best Local Similarity Matches 1255; Conserv

Conservative

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57.7%; 99.8%;

Score 1242.8; Pred. No. 1.3e 0; Mismatches

.3e-279;

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Query Match

Sequence 4724 BP; 1422 A; 902 C; 902 G; 1498 T; 0 U; 0 Other;

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ATCGTCATGTGATCACCTAAGAACTAGAACATCAGCAGGCCCTTAGAAGCCTCACTC

275 120 215 60 155

GGCGACACTGCACCCATCCCGGCTGCTTTTGCTGCGCCCTCTCAGCTTCCCAAGAAAGGC GGCGACACTGCACCCATCCCGGCTGCTTTTGCTGCGCCCTCTCAGCTTCCCAAGAAAGGC

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The invention relate to a method of diagnosing (M1) non-blood disease CC such as solid tumor by providing peripheral blood sample of human having conn-blood disease, and comparing an expression profile of specific genes in the peripheral blood sample to reference expression profile of the CC genes, where each of the genes is differentially expressed in peripheral blood mononuclear cells (PBMCs) of patients having the disease as compared to pBMCs of normal humans. The method is useful for diagnosing compared to pBMCs of normal humans. The method is useful for diagnosing conn-blood disease such as solid tumor. The solid tumor is chosen from crenal cell carcinoma (RCC), prostate cancer and head/neck cancer. The peripheral blood sample comprises enriched PBMCs. The peripheral blood cample is a whole blood sample (claimed). (M1) is useful for identifying genes that are differentially expressed in peripheral blood samples isolated at different stages of progression, development or treatment of RCC and/or other solid tumors. This sequence corresponds to a gene that is differentially expressed and detected by the method of the invention. CC (Note: this sequence is not given as part of the printed specification but was obtained from WIPO in electronic format at
                                                                                                                                                                                                                                                                                                                                                                                         Diagnosing non-blood disease such as solid tumor, involves comparing differential expression profile of specific genes in peripheral blood sample of subject with reference expression profile of specific genes
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(DORN/)
(STOV/)
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(TWIN/)
(BURC/)
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03-APR-2003;
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BURCZYNSKI M

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DORNER A.

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SLONI D K.
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2003US-0459782P.
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TGTCATGCTAGAAGTGCCAAAGGCGAAGTTGCCAAAGCAGCCAAGGTGAAGCAGAAAG 1353
                                                                                                                                                             ATCACTATTGATGTCACCATTAACGAAAGTATAAGTCATAGTAGAACAGAAGATGAAACA 1139
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This sequence represents the human interleukin-1 receptor accessory protein (IL-IRacP) cDNA of the invention. The interleukin receptor accessory protein (IL-IRacP) and its modulators (agonists/antagonists) accessory protein (IL-IRacP) and its modulators (agonists/antagonists) accessory protein (IL-IRacP) and its modulators (agonists/antagonists) accessory protein of recell function. Transient expression of either II-IRI or II-IRacP alone does not result in ligand-independent induction of an NF-kappaB-dependent luciferase reporter gene in 293 cells, however coexpression of both proteins resulted in a 20-fold increase in activation of NF-kappaB activity to a level comparable to that induced by II-IRAcP as a comparable of the comparable to that suggest that aggregation of II-IRACP as a comparable of protein overexpression can elicit a signaling pathway leading to NF-kappaB activation. Modulation of signal transduction involving NF-comparable in a cell may be achieved by modulating the activity of II-IRACP as a comparable in a cell may be achieved by modulating the activity of II-IRACP as a comparable of the cDNA sequence can be used to identify wild-type and mutant II-IRACP alleles are comparate allele-specific oligonucleotide (ASO) probes for high-comparate allele-specific oligonucleotide (ASO) probes for high-comparable to modulate cellular expression or intracellular concentration or availability of active II-IRACP. This invention also comprises a method of screening for an agent that modulates the interaction of an hinding target transcription of the comparable in the target of a method of interaction of an agent that modulates the interaction of an excention access of the comparable in the target of a method of interaction of an agent that modulates the interaction of an excention access of the comparable in a hinding target target and comparable in the target and co
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                                                   Query Match
Best Local Similarity
Matches 1058; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Isolated polypeptide designated interleukin receptor accessory polypeptide is useful for regulating cell function.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WPI; 2001-595441/67.
P-PSDB; AAU09966.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Claim 11; Fig 2; 21pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   16-DEC-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        16-DEC-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US6280955-B1
                                                                                                                                   Sequence 1740 BP;
                                                                                                                                                                        interleukin receptor accessory polypeptide (IL-1RacP)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (TULA-)
294 TCTCAAAGGATGACACTTCTGTGGTGTGTAGTGAGTGTCTCTACTTTTATGGAATCCTGCAA
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IL-1RI; ss;
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/*tag= a
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/product= "IL-1 Receptor
                                                                                                                                   518 A;
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                                                                       49.0%;
                                                                                                                                   360 C; 411 G; 451 T; 0 U;
                                               Score 1056.8;
Pred. No. 2.4e.
0; Mismatches
                                                        2.4e-236;
nes 2;
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                                                          Indels
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AAAGGCGAAGTTGCCAAAGCAGCCAAGGTGAAGCAGAAAG 1353	ATCAAGAAAGTTACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTC	ATTAACGAAAGTATAAGTCATAGTAGAACAGAACAGAAGTAGAAACTCAGAATTTTGAGC 1253 	AATGAGGTTTGGTGGACCATTGATGGAAAAAAACCTGATGACATCACTATTGATGTCACC 1193	CCAGGAGAGGAGCTACTCATTCCCTGTACGGTCTATTTTAGTTTTCTGATGGATTCTCGC 1133	AAAAATGCAGTGCCCCCTGTGATCCATTCACCTAATGATCATGTGGTCTATGAGAAAGAA	GAAAATGGACGTACGTTTCATCTCACCAGGACTCTGACTGTAAAGGTAGGT	AGTITCCTCATIGCCITAATITCAAATAATGGAAATTACACATGTGTTGTTACATATCCA 953 	TATATGGGCTGTTATAAAATACAGAATTTTAATAATGTAATACCCGAAGGTATGAACTTG 893	ATCACTTGTCCAAATGTAGATGGATATTTTCCTTCCAGTGTCAAACCGACTATCACTTGG 833	TTCAATTCCCCCATGAAACTCCCAGTGCATAAACTGTATATAGAATATGGCATTCAGAGG 773	AACACTACATATTGCAGCAAAGTTGCAITTCCCTTGGAAGTTGTTCAAAAAGACAGCTGT 713	GTGCTGTGGTTCCGGCCCACTCTCCTCAATGACACTGGCAACTATACCTGCATGTTAAGG 653	GACCTTGAGGAGCCAATTAACTTCCGCCTCCCCGAGAACGCATTAGTAAGGAGAAAGAT 593 	TACAGCACAGCCCATTCAGCTGGCCTTACTCTGATCTGGTATTGGACTAAGCAGGACCGG 533	TTTGAAGATGAGCCAGCTCGCATCAAGTGCCCACTCTTTGAACACTTCTTGAAATTCAAC 473 	AGTGATGCCTCAGAACGCTGCGATGACTGGGGACTAGACACCATGAGGCAAATCCAAGTG 413

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P-PSDB; ABU08133.
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                                                                                                                                                                                                                                    20-NOV-2002.
                                                                                                                                                                                                                                               GB2375604-A.
                                                                                                                                                                                                                                                                  Interleukin 1; human; interleukin1; IL-1; IL-1-receptor; IL-1R; ds;
IL-R accessory protein; IL-RAcP; protein-protein interaction; gene.
                                                                                                                                                                                                                                                                                  DNA encoding
                                                                                                                                                                                                                                                                                              10-MAY-2003
                                                                                                                                                                                                                                                                                                        ABX12962;
                                                                                                                                                                                                     (WARN ) WARNER LAMBERT CO.
                                                                                                                                                                                          Brown JP,
                                                                                                                                                                                                                                                                                              (first entry)
                                                                                                                                                                                                                                                                                   human soluble IL-1 receptor type
                                                                                                                                                                                           Gee NS;
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Determining ability of test compound to modulate formation of interleukin soluble trimolecular complex, by bringing into contact the components of the complex and test compound and determining amount of complex formed.

Example 2; Page 150-151; 171pp; English.

cest compound to modulate the formation of a trimolecular complex (FC) concluding interleukin (III), a soluble II-receptor (II-R) polypeptide and contact an II polypeptide, a soluble II-Race). The method comprises bringing into contact an II polypeptide, a soluble II-Race) bringing contact an II polypeptide, a soluble II-Race polypeptide, a soluble II-Race polypeptide, a soluble II-C compound, and determining the amount of TC confidence of the invention is useful for determining the ability of a test compound to modulate the formation of a trimolecular complex cincluding II, a soluble II-Race as soluble II-Race. The method is useful for high throughput screening and enables direct measurement of protein complexing throughput screening and enables direct measurement of protein thinditors of TC and hence of II-1 biological activity. The method may be used in screening methods and assays for agents which modulate the complexes. This method identifies small complexes which modulate the molecule inhibitors of TC and hence II-1 biological activity, and consider a significant advantage over prior methods since it is possible to dose orally and to reduce the cost of production of such compounds compared to the production cost of recombinant proteins. The method is the case with which these reagents enable the formatting and running of High considere encoding an interleukin 1 family protein used in the method of the invention This invention relates to a novel assay for determining the ability of test compound to modulate the formation of a trimolecular complex (TC) DI

Sequence 1713 BP; 504 A; 358 C; 404 G; 447 T; 0 U; 0 Other;

δ S 뮍 밁 Ś Query Match
Best Local Similarity
Matches 1049; Conserv 423 363 303 61 щ GAGCCAGCTCGCATCAAGTGCCCACTCTTTGAAACACTTCTTGAAATTCAACTACAGCACA 482 TCAGAACGCTGCGATGACTGGGGACTAGACACCATGAGGCAAATCCAAGTGTTTGAAGAT TCAGAACGCTGCGATGACTGGGGACTAGACACCATGAGGCAAATCCAAGTGTTTGAAGAT ATGACACTTCTGTGGTGTAGTGAGTCTCTACTTTTATGGAATCCTGCAAAGTGATGCC Conservative 48.6%; 0 Score 1047.8; DB Pred. No. 3e-234; 0; Mismatches DB 8; Length 1713; ν •• Indels 0 Gaps 120 422 60 362 0

ABX12962 ID ABX1 XX

ABX12962 standard;

DNA; 1713 BP

RESULT 6

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ABQ81182
ID ABQ8
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                    Human IL-1 receptor accessory protein splice variant coding sequence.
                                                          29-NOV-2002
                                                                                                                                     ABQ81182 standard;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTGCCTTAATTTCAAATAATGGAAATTACACATGTGTTGCTTACATATCCAGAAAATGGA 962
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                                                                                                                                                                                                                                                                                                                                GTTACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTCATGCTAGAAGTGCCAAAGGCGAA 1322
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Interleukin-1; receptor; accessory protein; IL-1R AcP; splice variant;
human; immunosuppressive antiinflammatory; antiulcer;
single nucleotide polymorphism; SNP; gene; ss.
                                                                                                                                                                                                         New interleukin 1 (IL-1) Receptor Accessory Protein (IL-1R AcP) splice variant protein, useful for screening for modulators of IL-1, or for treating or preventing e.g. Crohn's disease, ulcerative colitis or
                                                                                                                                                                                                                                                                Sims JE
                                                                                                                                                                                                                                                                                             31-OCT-2000; 2000US-0244831P
                                                                                                                                                                                    Claim 1; Page 3-4; 60pp; English
                                                                                                                                                                                                                                                 WPI; 2002-657584/70.
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                                                                                                                                                                                                                                                                                                                                                                                             mat_peptide
                                                                                                                                                                                                                                                                                                                                                                                                             sig_peptide
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/*tag= b
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*tag= d

standard_name= "Single nucleotide polymorphism"

/frequency= "0.50"
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                                                                                                                                                                                                                                                                                                                                                                                                                       "IL-1R AcP"
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The present sequence is the coding sequence of a human interleukin 1 (II-CC 1) receptor acceptor protein (II-IR AcP) splice variant. This native CC human sequence includes a polymorphism at an approximately 50/50 ratio. CC This exists as an A or C at position 1792 of the coding sequence, cc assystant in Thr or Pro at position 598 of the II-IR AcP protein (see CC ABB79891). The II-IR AcP splice variant protein is a type I transmembrane CC protein that is homologous to II-IR type I. It shares 83% amino acid CC identity with a previously described human II-IR AcP, of which it is a CC splice variant having an alternative cytoplasmic domain C-terminal CC sequence (amino acids 449-687). Polymucleotides comprising the present CC polypeptides comprising amino acids 384-687, 379-687 or 449-687 of human CI-IR AcP splice variant, or a polypeptide that interacts with a signal CC transduction factor, where amino acid 584-687, 379-687 or 449-687 of human CC well as the encoded polypeptides, antibodies, a process for preparing the polypeptides, and a method of using the polypeptides to screen for an CC agonist or antagonist of II-1 Agonists or antagonists of II-1 are useful CC for treating inflammatory diseases (e.g. rheumatoid arthritis or inflammatory bowel disease), osteoporosis, autoimune disease, Crohn's CC ulcers, ulcerative colitis, idiopathic gastroparesis, pancreatitis, or

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Sequence 2064 BP; 585 A; 463 C; 476 G; 540 T; 0 U; 0 Other;

S Query Match
Best Local Similarity
Matches 1049; Conserv 303 ATGACACTTCTGTGGTGTGTAGTGAGTCTCTACTTTTATGGAATCCTGCAAAGTGATGCC ATGACACTTCTGTGGTGTGTAGTGAGTCTCTACTTTTATGGAATCCTGCAAAGTGATGCC Conservative 48.6%; 0; Score 1047.8; Pred. No. 3.2e. 0; Mismatches 8; DB 6; 3.2e-234; hes 2; Indels Length 0 Gaps 60 362 0

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                                                   GTTACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTCATGCTAGAAGTGCCAAAGGCGAA 1322
                                                                           AGTATAAGTCATAGTAGAACAGAAGAACAGAACTCAGATTTTGAGCATCAAGAAA
                                                                                      AGTATAAGTCATAGTAGAACAGAAGATGAAACTAGAACTCAGATTTTGAGCATCAAGAAA 1262
                                                                                                                           TGGTGGACCATTGATGGAAAAAAACCTGATGACATCACTATTGATGTCACCATTAACGAA 1203
                                                                                                                                                     GAGCTACTCATTCCCTGTACGGTCTATTTTAGTTTTCTGATGGATTCTCGCAATGAGGTT
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                                       GITACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTCATGCTAGAAGTGCCAAAGGCGAA 1020
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                                                                                                                                                                                                                                                                                                     Isolated interleukin-1 receptor accessory protein - used prods. to treat or prevent inflammatory or immunological interleukin-1.
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Chizzonite RA,
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therapy; antiinflammatory; ss.
                                                                                                                                                               23-JAN-1995;
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                                                                                                                               (HOFF ) HOFFMANN LA ROCHE & CO
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to develop
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A cDNA clone (AAM32027) codes for a soluble form (AAW01912) of the human interleukin-1 receptor accessory protein (IL-1R AcP), a protein that inhibits the ability of IL-1 to bind to, or otherwise activate IL-1R, esp. the Type 1 IL-1R. It was obtd. by PCR amplification (see also AAT32029-30) of cDNA (AAT32026) coding for the extracellular domain of IL-1R AcP (AAW01911). The soluble protein was expressed in Sf9 insect cells using a baculovirus system. It can be used to treat or prevent the inflammatory or immunological activities of IL-1, and also to screen for IL-1 antagonists

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Sequence 1077 BP; 326 A; 234 C; 232 G; 285 T; 0 U; 0 Other;

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Best Local Similarity 99.7
Matches 1048; Conservative
                                          181
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                                                                  GCCCATTCAGCTGGCCTTACTCTGATCTGGTATTGGACTAAGCAGGACCGGGACCTTGAG
                                                                                                       ATGACACTTCTGTGGTGTGTGAGTCAGTCTACTTTTATGGAATCCTGCAAAGTGATGCC
GAGCCAATTAACTTCCGCCTCCCCGAGAAACCGCATTAGTAAGGAGAAAAGATGTGCTGTGG
                                                                                                                                                                            TCAGAACGCTGCGATGACTGGGGACTAGACACCATGAGGCAAATCCAAGTGTTTGAAGAT
                                                                                                                                                                                                                                             ATGACACTTCTGTGGTGTAGTGAGTCTCTACTTTTATGGAATCCTGCAAAGTGATGCC
                                          GCCCATTCAGCTGGCCTTACTCTGATCTGGTATTGGACTAGGCAGGACCGGGACCTTGAG
                                                                                                                                                                                                                                                                                                                             48.5%;
99.7%;
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Pred. No. 5.9e-234;
0; Mismatches 3;
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RESULT 8
AAT32027
ID AAT3
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AAT32027 standard; cDNA; 1077 BP.

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RESULT 9
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                                                                                                                                                     Soluble interleukin-1 accessory protein coding sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               The present sequence is the coding sequence for a soluble form of human content on the discovery that soluble IL-lAcP enhances the inhibitory capitly of IL-1 receptor (IL-IR) and particularly type II IL-IR. A method is provided for treating disorders associated with IL-1-mediated content in a form that binds IL-1, including IL-1 beta and IL-1 alpha, in combination with IL-IAcP in a form that enhances the binding of type II IL-IR to the cability of type II IL-IR to block IL-1 signal transduction, thereby conterrupting the proinflammatory and immunoregulatory resortion are sults in an enhanced content of the proinflammatory and immunoregulatory effects of IL-1. The block IL-1 signal transduction, thereby conterrupting the proinflammatory and immunoregulatory effects of IL-1. Content applicated forms of IL-IAcP include the present soluble form or a content of it. The method can be used to treat a patient content with rheumatoid arthritis, Alzheimer's disease, stroke, head confidence of the proinflammatory bowel disease, asthma or pancreatitis (all claimed) expenses the content of the proinflammatory and immunoregulatory.
                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Sim
Matches 1048;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Treating interleukin (IL)-1-associated disorders such as rheumatoid arthritis, myocardial infarction, inflammatory bowel disease, asthma and/or pancreatitis, by administering IL-1 receptor and IL-receptor accessory protein.
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                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1077 BP;
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/product= "Soluble IL-1AcP"
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                                            TGTTATAAAATACAGAATTTTAATAATGTAATACCCGAAGGTATGAACTTGAGTTTCCTC
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                      TGTTATAAAATACAGAATTTTAATAATGTAATACCCGAAGGTATGAACTTGAGTTTCCTC
                                                                                                CCAAATGTAGATGGATATTTTCCTTCCAGTGTCAAACCGACTATCACTTGGTATATGGGC
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Pred. No. 7.1e-234;
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CX Cer Š 밁 밁 밁 , 망 Ş 밁 밁 Ś 밁 8 Š Ş 밁 Ś S Treating interleukin (IL)-1-associated disorders such as rheumatoid arthritis, myocardial infarction, inflammatory bowel disease, asthma and/or pancreatitis, by administering IL-1 receptor and IL-receptor accessory protein. Human; interleukin-1 accessory protein; IL-1AcP; antagonist; antirheumatic; antiarthritic; nootropic; neuroprotective; vasotropic; cerebroprotective; cardiant; antiinflammatory; antiasthmatic; gene; ss. ACC48598 standard; cDNA; 1713 07-AUG-2001; 2001US-0310789P. 07-AUG-2002; 2002WO-US024948 20-FEB-2003. Homo sapiens. Human 11-AUG-2003 WPI; 2003-256566/25. P-PSDB; ABR41898. WO2003014309-A2 (VMMI) 1021 1263 1143 1203 1083 1023 JE, 961 901 841 781 721 661 963 601 903 interleukin-1 accessory protein coding sequence IMMUNEX CORP. GAGCTACTCATTCCCTGTACGGTCTATTTTAGTTTTCTGATGGATTCTCGCAATGAGGTT 1142 GTTGCCAAAGCAGCCAAGGTGACGCAGAAAG **СТТССКА АССАССКА СТСА АССАСА В 1353** GTTACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTCATGCTAGAAGTGCCAAAAGGCGAA 1322 AGTATAAGTCATAGTAGAACAGAAGATGAAACTAGAACTCAGATTTTGAGCATCAAGAAA 1262 TGGTGGACCATTGATGGAAAAAACCTGATGACATCACTATTGATGTCACCATTAACGAA GAGCTACTCATTCCCTGTACGGTCTATTTTAGTTTTCTGATGGATTCTCGCAATGAGGTT CGTACGTTTCATCTCACCAGGACTCTGACTGTAAAGGTAGTAGGCTCTCCAAAAAAATGCA 1022 ATTGCCTTAATTTCAAATAATGGAAATTACACATGTGTTGTTACATATCCAGAAAATGGA ATTGCCTTAATTTCAAATAATGGAAATTACACATGTGTTGTTGCTACATATCCAGAAAAATGGA 962 AGTATAAGTCATAGTAGAACAGAAGATGAAACAAGAACTCAGATTTTGAGCATCAAGAAA TGGTGGACCATTGATGGAAAAAAACCTGATGACATCACTATTGATGTCACCATTAACGAA 1203 CGTACGTTTCATCTCACCAGGACTCTGACTGTAAAGGTAGTAGGCTCTCCAAAAAATGCA Smith DE; (first entry) 1. /*tag= ~ndu/ Location/Qualifiers
1. .1713 /*tag= a /product= "IL-1AcP" ВP 1051 900 780 660 840

Disclosure; Page 33-39; 45pp; English.

The present sequence is the coding sequence for human interleukin-1 (IL-C) accessory protein (IL-1AcP). The invention is based in part on the Cd discovery that soluble IL-1AcP enhances the inhibitory ability of IL-1 creceptor (II-1R) and particularly type II IL-1R. A method is provided for treating disorders associated with IL-1-mediated inflammatory or immunoregulatory reactions involving the administration of an IL-1 cantagonist or inhibitor. Preferred methods use a type II IL-1R in a form that binds IL-1, including IL-1 beta and IL-1 alpha, in combination with II-1AcP in a form that enhances the binding of type II IL-1R to IL-1 beta and IL-1 alpha. The combination results in an enhanced ability of type II IL-1R to block IL-1 signal transduction, thereby interrupting the C proinflammatory and immunoregulatory effects of IL-1. Preferred forms of IL-1AcP are soluble forms such as that given in ABR41899. The method can be used to treat a patient afflicted with rheumatoid arthritis, C Alzheimer's disease, stroke, head trauma, myocardial infarction, heart failure, periodontal disease, inflammatory bowel disease, asthma or C constitutes (all claimed)

Sequence 1713 BP; 502 A; 358 C; 405 G; 448 T; 0 U; 0 Other;

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Best Local Similarity
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P-PSDB;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               New nucleic acid molecules encoding fusion polypeptides capable of binding a cytokine to form a non-functional complex, useful for treating cytokine-related diseases or disorders, e.g. cancer, cachexia, arthritis,
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CGTACGTTTCATCTCACCAGGACTCTGACTGTAAAGGTAGTAGGCTCTCCAAAAAATGCA
                                     ATTGCCTTAATTTCAAATAATGGAAATTACACATGTGTTGTTACATATCCAGAAAATGGA
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1.7e-233;
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22-MAR-2001; 2001US-00787835.
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     New nucleic acid molecules encoding fusion polypeptides capable of binding a cytokine to form a non-functional complex, useful for trocytokine-related diseases or disorders, e.g. cancer, cachexia, arti
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ATTGCCTTAATTTCAAATAATGGAAATTACACATGTGTTGTTACATATCCAGAAAATGGA
                                                                                           TGTTATAAAATACAGAATTTTAATAATGTAATACCCGAAGGTATGAACTTGAGTTTCCTC
                                                                                                        TGTTATAAAATACAGAATTTTAATAATGTAATACCCGAAGGTATGAACTTGAGTTTCCTC
                                                                                                                                          CCAAATGTAGATGGATATTTTCCTTCCAGTGTCAAACCGACTATCACTTGGTATATGGGC
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                                        ATTGCCTTAATTTCAAATAATGGAAATTACACATGTGTTGTTACATATCCAGAAAATGGA
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 The present invention provides a novel fusion polypeptide capable of binding a cytokine to form a nonfunctional complex. The invention is useful for identifying agonists or antagonists of cytokine receptors for treating cytokine-related diseases or disorders e.g. cancer, cachexia, arthritis and osteoporosis. The present sequence is human I Trap mutant DNA. This mutant construct is obtained by insertion of be
                                                                                                                                                                                                                                                                                                                                                                           Homo
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(YANC/)
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Best Local
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  The present invention provides a novel fusion polypeptide capable binding a cytokine to form a nonfunctional complex. The invention
                                                                                                               New nucleic acid molecules encoding fusion polypeptides capable of binding a cytokine to form a non-functional complex, useful for treating cytokine-related diseases or disorders, e.g. cancer, cachexia, arthritis.
                                                                                                                                                                                         WPI; 2003-851784/79.
P-PSDB; ABW02186.
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YANCOPOULOS G
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Best Local (
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                              <u> АGТАТААGТСАТАGТАGAACAGAAGATGAAACTAGAACTCAGATTTTGAGCATCAAGAAA</u>
                                                                                                                                             GAGCTACTCATTCCCTGTACGGTCTATTTTAGTTTTCTGATGGATTCTCGCAATGAGGTT
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Pred. No. 4.7e
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Search completed: December 25, 2004, 13:17:06 Job time : 1041 secs	1021 GTTGCCAAAGCAGCCAAGGTGAAGCAGAAAG 1051	1323 GTTGCCAAAGCAGCCAAGGTGAAGCAGAAAG 1353	961 GTTACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTCATGCTAGAAGTGCCAAAGGCGAA 1020	1263 GTTACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTCATGCTAGAAGTGCCAAAGGCGAA 1322	901 AGTATAAGTCATAGTAGAACAGAAGATGAAACAAGAACTCAGATTTTGAGCATCAAGAAA 960

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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/backfiles1.seq:*
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   GenCore version 5.1.6 (c) 1993 - 2004 Compugen Ltd
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           US-09-173-151A-1

US-08-795-088A-1

US-08-995-088A-2

US-09-806-708B-22

US-09-806-708B-22

US-09-806-708B-22

US-09-833-669A-5

US-09-183-861-5

US-09-183-861-5

US-09-565-501A-5

US-09-565-501A-5

US-09-639-206A-5

US-09-874-923-5

US-08-617-860B-32

US-08-617-860B-32

US-08-472-934-5

US-08-4861-145C-5

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                               Query Match
Best Local Similarity
Matches 1058; Conserv
294 TCTCAAAGGATGACACTTCTGTGGTGTGTGTGGTAGTCTACTTTTATGGAATCCTGCAA 353
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Sequence 3, Appl	Sequence 21096, .	٠.	•	Sequence 64, Appl	•		Sequence 20, Appl	Sequence 13, App.	Sequence 287, Apj	Sequence 116, App	÷	Sequence 96, Appl	Sequence 101, App	Sequence 96, App.	Sequence 101, App	Sequence 8, Appl:	Sequence 13, App

ALIGNMENTS

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; MOLECULE TYPE: CDNA; FEATURE; ; FEATURE; ; LOCATION; 10..1719
US-08-991-944-1
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/991,944
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: OSMAN, RICHARD A
REGISTRATION NUMBER: 36.627
PREFERENCE/DATES FORMERS FORME
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Patent No. 6280955
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cao, Zhaodan
TITLE OF INVENTION: Interleukin-1 Receptor Accessory Proteins,
TITLE OF INVENTION: Nucleic Acids and Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (650) 343-4342
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 1740 base pairs
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CORRESPONDENCE ADDRESS:
ADDRESSEE: SCIENCE & TEC
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STRANDEDNESS: double
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Score 1056.8; DB 3
Pred. No. 4.7e-283;
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AMPLICANT: REGENERON PHARMACEUTICALS, INC.

TITLE OF INVENTION: RECEPTOR BASED ANTAGONISTS, AND METHODS OF MAKING TITLE OF INVENTION: AND USING TITLE OF INVENTION: AND USING TITLE OF INVENTION: AND USING CURRENT APPLICATION NUMBER: U$/09/313,942

CURRENT FILING DATE: 1999-05-19

PRIOR APPLICATION NUMBER: 09/313,942

PRIOR APPLICATION NUMBER: 60/101,858

PRIOR APPLICATION NUMBER: 60/101,858

PRIOR FILING DATE: 1998-09-25

NUMBER: OF SEQ ID NOS: 32

SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: 2733
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Best Local Similarity 99.5%;
Matches 1046; Conservation
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Patent No. 6472179
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ORGANISM: Homo :
FEATURE:
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      CGTACGTTTCATCTCACCAGGACTCTGACTGTAAAGGTAGTAGGCTCTCCAAAAAATGCA 1022
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Pred. No. 4.2e-279;
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US-08-991-944-3 Query Match 36.9%; Score 794.2; DB 3; Length 3355;		nucleic acid	TELEGAX: (650) 343-4342 ; INFORMATION FOR SEQ ID NO: 3: ; SEQUENCE CHARACTERISTICS: ; LEVENCTH: 1345, base mairs	REGISTRATION NUMBER: 36,627 REFERENCE/DOCKET NUMBER: T97-014 TELECOMMUNICATION INFORMATION: TELECOMMUNICATION INFORMATION:	FILING DATE: CLASSIFICATION: ATTORNEY/AGENT INFORMATION: NAME: OSMAN RICHARD A	OPERATING SYSTEM: PC-DOS/MS-DOS SOTTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/991.944	DABLE FO	5 DENISE DRIVE LSBOROUGH LIFORNIA USA	INVENTION: Nucleic Acids and Methods 7 SEQUENCES: 4 1DENCE ADDRESS: 1DENCE A TECHNOLOGY LAW GROUP	Odan	RESULT 3 US-08-991-944-3 : Sequence 3. Application US/08991944	Qy 1323 GTTGCCAAAGCAGCCAAGGTGAAGCAGAAAG 1353	Qy 1263 GTTACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTCATGCTAGAAGTGCCAAAGGCGAA 1322	Qy 1203 AGTATAAGTCATAGTAGAACAGAAGATGAAACTAGAACTCAGATTTTGAGCATCAAGAAA 1262	Qy 1143 TGGTGGACCATTGATGGAAAAAAACCTGATGACATCACTATTGATGTCACCATTAACGAA 1202	Qy 1083 GAGCTACTCATTCCCTGTACGGTCTATTTTAGTTTTCTGATGGATTCTCGCAATGAGGTT 1142	Qy 1023 GTGCCCCCTGTGATCCATTCACCTAATGATCATGTGGTCTATGAGAAAGAA	Db 661 CGTACGTTTCATCTCACCAGGACTCTGACTGTAAAGGTAGGT
Qy 1319 CGA	Qy 1259 GAA Db 1091 GAA	Oy 1199 CGA	Qy 1139 GGT Db 971 GGT	Qy 1079 AGA	Oy 1019 TGC.	Qy 959 TGG: Db 791 CGG	Qy 899 CCT Db 731 TTT	Qy 839 GGG Db 671 GGG	Qy 779 TTG 	Qy 719 TTC	Qy 659 TAC Db 491 AAC	Qy 599 GTG	Qy 539 TGA Db 371 GGA	Qy 479 CAC	Qy 419 AGA Db 251 AGA	Qy 359 TGC	Qy 299 AAG	Best Local Simi Matches 892;
CGAAGTTGCCAAAGCAGCCAAGGTGAAGCAGAAAG	GAAAGTTACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTC	99 CGAAAGTATAAGTCATAGTAGAACAGAAACATGAAACTGAAACTCAGATTITGAGCATCAA	GGTTTGGTGGACCATTGATGGAAAAAAACCTGATGACATCACTATTGATGTCACCATTAA	79 AGAGGAGCTACTCATTCCCTGTACGGTCTATTTTAGTTTTCTGATGGATTCTCGCAATGA	19 TGCAGTGCCCCCTGTGATCCATTCACCTAATGATCATGTGGTCTATGAGAAAGAA	59 TGGACGTACGTTTCACCTCACCAGGACTCTGACTGTAAAGGTAGTAGGCTCTCCAAAAAA	99 CCTCATTGCCTTAATTTCAAATAATGGAAATTACACATGTGTGTTACATATCCAGAAAA	GGGCTGTTATAAATACAGAATTTTAATAATGTAATACCCGAAGGTATGAACTTGAGTTT	79 TIGICCAAAIGTAGAIGGATATTITCCTTCCAGIGICAAACCGACTAICACTIGGIAIAI	TTCCCCCATGAAACTCCCAGTGCATAAACTGTATATAGAATATGGCATTCAGAGGATCAC	59 TACATATTGCAGCAAAGTTGCATTTCCCTTGGAAGTTGTTCAAAAAGACAGCTGTTTCAA	GTGGTTCCGGCCCACTCTCCTCAATGACACTGGCAACTATACCTGCATGTTAAGGAACAC	TGAGGAGCCAATTAACTTCCGCCTCCCCGAGAACCGCATTAGTAAGGAGAAAGATGTGCT	CACAGCCCATTCAGCTGGCCTTACTCTGATCTGGATTTGGACTAAGCAGGACCGGGACCT	AGATGAGCCAGCTCGCATCAAGTGCCCCACTCTTTGAACACTTCTTGAAATTCAACTACAG	TGCCTCAGAACGCTGCGATGACTGGGGACTAGACACCATGAGGCAAATCCAAGTGTITGA	99 AAGGATGACACTTCTGTGGTGTGTGTAGTGAGTCTCTACTTTTATGGAATCCTGCAAAGTGA 	Similarity 84.5%; Pred. No. 5.5e-210; Conservative 0; Mismatches 163;
 	GTCTGTCATGCTAGAAGTGCCAAAGG 1318	ACTAGAACTCAGATTITGAGCATCAA 1258 	GACATCACTATTGATGTCACCATTAA 1198 	AGTTTTCTGATGGATTCTCGCAATGA 1138 	CATGIGGICTATGAGAAAGAACCAGG 1078 	GTAAAGGTAGTAGGCTCTCCAAAAAA 1018 GTAAAGGTGGTGGGCTCACCAAAGGA 850	ACATGTGTTGTTACATATCCAGAAAA 958 ACATGTGTGGTTACATATCCTGAAAA 790	NATACCCGAAGGTATGAACTTGAGTTT 898	GTCAAACCGACTATCACTTGGTATAT 838 670 GTCAAACCATCGGTCACTTGGTATAA 670	PATAGAATATGGCATTCAGAGGATCAC 778 	GTTGTTCAAAAAGACAGCTGTTTCAA 718 STTGTTCAGAAGGACAGCTGTTTCAA 550	PARCTATACCTGCATGTTAAGGAACAC 658 	CCGCCTCCCCGAGAACCGCATTAGTAAGGAGAAAGATGTGCT 598	TATTGGACTAAGCAGGACCGGGACCT 538	IGAACACTICTIGAAATTCAACTACAG 478 GAACACTICCTGAAGTACAACTACAG 310	ACCATGAGGCAAATCCAAGTGTTTGA 418 ACCATGCGACAAATCCAAGTGTTTGA 250	TACTITTATGGAATCCIGCAAAGIGA 358 	s-210; 163; Indels 0; Gaps 0;

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US-09-173-151A-3
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US-09-513-999C-13178
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SOFTWARE: Patent.pm
; SEQ ID NO 13178
LENGTH: 229
; TYPE: DNA
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Patent No. 6326472
GENERAL INFORMATION:
APPLICANT: Timans, Jacqueline C.
APPLICANT: Debets, Johannes Edual
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APPLICANT: Duclert, A.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
Patent No. 6783961
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                                                                                               ZIP: 94304-1104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 59.US2.REG
                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: DNAX Rese
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Bazan, J. Fernando
APPLICANT: Kastelein, Robert A.
TITLE OF INVENTION: Human Receptor Proteins; Related Reagents and Methods
NUMBER OF SEQUENCES: 36
                                                                                                                                                                                                                                                                                                                                                                   STREET:
                 APPLICATION NUMBER: FILING DATE: 14-OCT CLASSIFICATION: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local
                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1151 GGAAGCTGAGCAGGCTGCCAAGGTGAAACAGAAAG 1185
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Similarity 100.0%; 33; Conservative 0;
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California
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                                                                                                                                                                                                                                                                                                                                                                                       901 California Avenue
                                                                                                                                                                                                                                                                                                          USA
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Debets, Johannes Eduard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Antonius
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sana, Theodore R
                                                                                                                                                                                                                                                                                                                                                                                                                     DNAX Research Institute
                                            14-OCT-1998
                                                                          US/09/173,151A
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Pred. No. 3.8e-27
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                                                                                                                                      Version #1.30
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 18-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/062
FILING DATE: 15-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,090
REGISTRATION NUMBER: 34,090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: DX
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)852-9196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 2061 base pair
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 6
FILING DATE: 17-NOV-1997
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 60/078,416
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
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                                                     437
                                                                                                              733
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793 AIGGATATTTTCCTTCCAGTGTCAAACCGACTATCACTTGGTATATGGGCTGTTATAAAA 852
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  329;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nucleic acid
DEDNESS: single
DGY: linear
                                                     TCCGCTATTTAGAAAATCTGAAGTCACTAAAAGAAAGGAGATCTCCTGTCCAGACATGG
                                                                                                           TCCCAGTGCATAAACTGTATATAGAATATGGCATTCAGAGGATCACTTGTCCAAATGTAG 792
                                                                                                                                                                                                                      AAGTTGCATTTCCCTTGGAAGTTGTTCAAAAAGACAGCTGTTTCAATTCCCCCATGAAAC
                                                                                                                                                                                                                                                                                                                                     CTCTCCTCAATGACACTGGCAACTATACCTGCATGTTAAGGAACACTACATATTGCAGCA 672
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50.9%;
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Pred. No. 3.5e-18;
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US-09-173-151A-:
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APPLICATION NUMBER: US 60/062,066

PILLING DATE: 15-OCT-1997

ATTORNEY/ACENT INFORMATION:

NAME: Ching, Edwin P.

REGISTRATION NUMBER: 34,900

REFERENCE/DOCKET NUMBER: DX0767X

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION 1050852-9196
                                                                                                          TELEPAX: (650)496-1200
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1737 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 12-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/081,883
FILING DATE: 15-APR-1998
PRIOR ADDTE: 15-APR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION DATA:
PRIOR APPLICATION UNDER: US 60/065,776
APPLICATION UNDER: 17-NOV-1997
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60, FILING DATE: 10-ANG-1000 PRIOR PR
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APPLICATION NUMBER:
FILING DATE: 18-MAR-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 94304-1104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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APPLICATION NUMBER: US
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                            TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 14-00
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 901 California Avenue CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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VENTION: Human Receptor Proteins; Related Reagents and Methods
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Debets, Johannes Eduard Maria
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Best Local Similarity 51.8%;
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Pred. No. 2.8e-17;
0; Mismatches 271;
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US-09-173-151A-34
                         US-09-173-151A-34
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Patent No. 632647
Query Match
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APPLICANT: Timans
APPLICANT: Debets
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                                                                                                                                                                         INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
                                                                                                                                                                                                                                                                     FILING DATE: 18-MAR-1998

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/062,066
FILING DATE: 15-OCT-1997
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PRIOR APPLICATION DATA:
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PRIOR APPLICATION NUMBER: US 60/095,987
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PRIOR APPLICATION NUMBER: US 60/081,883
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CURRENT APPLICATION DATA:
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TITLE OF INVENTION: Human Receptor Proteins; Related Reagents and Methods
NUMBER OF SEQUENCES: 36
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ADDRESSEE: I
                                                                             MOLECULE TYPE:
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                                      NAME/KEY:
LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 15-APR-1998
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                                                                                             TOPOLOGY:
                                                                                                                                   LENGTH:
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Debets, Johannes Eduard
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TD NO: 34:
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 Score 97;
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 Length 2537;
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RESULT 8
US-08-795-088A-1
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                                                                             SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,086
FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                   ATTORNEY/AGENT INFORMATION:
NAME: Osman, Richard A
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Sul, Hong-Bing
APPLICANT: Goeddel, David V.
TITLE OF INVENTION: Regulators of
                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Science & Technology Law Group
STREET: 75 Denise Drive
CITY: Hillsborough
STATE: California
                                                                                                                                                                                                                                                                                                                             COUNTRY:
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     816 AAACCGACTATCACTTGGTATATGGGCTGTTATAAAATACAGAATTTTAATAATGTAATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 148 AAAAGTTCTGGTCCTGGAGACTTTGAAGAGCCAATAGCCT-----TTGACGGAAGTAGA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            502 TTCAAAAGAGATACTCTGCTTATAAGAGAAGTCAGAGAAGATGACATTGGAAATTATACC 561
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 322 GGTGAAAATGACACTGGACTCTGCTATAATTCCAAGATGAAGTATTTTGAAAAAAGCTGAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             262 TACGCCTGTGTCATCAGGAACTCCACTTACTGTATGAAAGTATCCATCTCACTGACAGTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        636 TATACCTGCATGTTAAGGAACACTACATATTGCAGCAAAGTTGCATTTCCCTTGGAAGTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  576 ATTAGTAAGGAGAAAGATGTGCTGTGGTTCCGGCCCACTCTCCTCAATGACACTGGCAAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                516 TGGACTAAGCAGGACCGGGACCTTGAGGAGCCAATTAACTTCCGCCTCCCCGAGAACCGC 575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        456 CACTTCTTGAAATTCAACTACAGCACAGCCCATTCAGCTGGCCTTACTCTGATCTGGTAT 515
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0; Mismatches 275;
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                                                                                                                                                                                           Version #1
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2045 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-795-088A-1
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NAME/KEY: promoter
LOCATION: (1)..(1141)
THER INFORMATION: consensus sequence of A.t., L.a., and B.n.
US-09-806-708B-22
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Best Local Similarity
Matches 97; Conserv
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Best Local (
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NUMBER OF SEQ ID NOS: 23
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/806,708B
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/147,133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: The University of British Columbia TITLE OF INVENTION: Regulation of Embryonic Transcription in FILE REFERENCE: 4810-58741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 1141
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                                                                                                                                                                                                                                                                   1366 GTCAGTGATGAATCTCTCAGCTCCAAATTAACATTGTGGTGAATAAGGACAAAAGGAGAG 1425
                                    1546 GATATTGTTAGTACCGTAATGCCCAAATGTAGCTAAAAAAATCGACGTGAGTACAGTGAG 1605
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l Similarity 68.7%;
92; Conservative
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                                                                                                                                                                                                                                 GTNRRWCMRTYAMRTWYTRSNANWSCATKBMWWTMKWYATKYRTAWYAMWCAWRNNNMWC 1013
                                                                                                              AAACTTAAATGAAAAATATGAAAGTTTTCATCTATGTAAGATACTCAAAATATTGTTTCT 1549
                                                                                                                                                                                          ATTGAGAACAAGAGAGCTCCAGCACCTAGCCTGACGGCATCTAACCCCATAGTAATGAATC 1485
                                                                                                                                                     ATNGYAKSCATNNAMWYATTRWAAYAAAKWARWAGNNMRMYGAAAGNKWGCMAAMATMGB 953
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GTGCGGCGGAAAGTAAGAGGCTCACTGGGGAAGACTGCCGGGGATCCAGGTCTCCGGGGTC 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CGGTGGCGCCCGTTCTAGAACTAGTGGAATCCCCCCGGGATGCAGGAATTCGGCACGAGAAA 60
GAHS KRRTRHHTRT CRRTKYNNNNNNARTVYWYHHAARRWMNAWWTRTNNNNNNNNNNNNAC
                                                                           WWADTAGKMCNNNNNWTTDVRRMAMKAKNNNNNNAYWTACYNRAATNNKMATHWMKWTH 893
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GGCCTCACACAGTG 157
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                                                                                                                                                                                                                                                                                                        2.9%; Score 62; DB 4; Length 114 larity 12.8%; Pred. No. 5.2e-07; Conservative 268; Mismatches 387; Indels
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Pred. No. 3.4e-08;
0; Mismatches 42;
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                                                                                                                                                                                                                                                                                                                                             Length 1141;
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; PAME/KEY: promoter; LOCATION: (1)..(1141); OTHER INFORMATION: consensus sequence of A.t., L.a., US-09-806-708B-22
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US-09-806-708B-22
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APPLICANT: The University of British Columbia
TITLE OF INVENTION: Regulation of Embryonic T:
FILE REFERENCE: 4810-58741
                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.0
SEQ ID NO 22
LENGTH: 1141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 22, Application US/09806708B Patent No. 6784342
                                                                                                                                                                                          Matches 114;
                                                                                                                                                                                                                 Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/806,708B
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/147,133
PRIOR FILING DATE: 1999-08-04
NUMBER OF SEQ ID NOS: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2020
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1965 TATGTATCAATATTTAAG-----CAGGTTTATAATATACCAGCCAGCCACAATTGCTAAAA 2019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1905 AATTAAGGTATTGAATGTTTATTTTCCAAAAATGCATAATTATAAATATTATTTTAAACAC 1964
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1606 АСАСААТТТТGTGTCTGTACAATTATGAAAAATTAAAAAACAAAGAAAATATTCAAAGCTA 1665
124 RHRYWRWRAMBDTVDHHYVTAMNNAWTTMCMMDKDDKRTRWWWKKNNNATGWDDDTKYHM 183
                                             623 TGACACTGGCAACTATACCTGCATGTTAAGGAACACTACATATTGCAGCAAAGTTGCATT
                                                                                                                                        563 CCCCGAGAACCGCATTAGTAAGGAGAAAGATGTGCTGTGGTTCCGGCCCACTCTCCTCAA 622
                                                                                             64 MYCKYRRWYNNKSRWWKGWYKKKWYBCANNTSBRYHARRWKDMKTAYBMTMTNKWGKTGW
                                                                                                                                                                                                                 Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WAANNDAGAMDHWTYWMGNNTMWMRRAWKWWMMAWCRRAYCCNNNNNRACVWHKHKWWRW 413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NNNNWRBCKTTSWMWWMDHMNTHCTYGNNTWGSAYBM 315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TGAAAATCATTTAAATTATGATTTTAAATGGTATACACATGATTTCTATGTTGATAGTAC 2079
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BVRMRWAGTMWWRHWNNNNTDTRYYWWWKRWARBTTTVYDSMCNAKSMWRGNNWRAMKMW
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                                                                                                                                                                                        Conservative 362; Mismatches 517;
                                                                                                                                                                                                            2.8%; Score 61.4; DB 4;
11.4%; Pred. No. 7.6e-07;
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                                                                                                                                                                                                                                   Length 1141;
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US-09-489-847-73
US-09-489-847-73
; Sequence 73, Application US/09489847
; Patent No. 6476195
                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Rosen et al TITLE OF INVENTION: 98 Human Secreted ProtoFILE REFERENCE: PZO31P1 CURRENT APPLICATION NUMBER: US/09/489,847 CURRENT FILING DATE: 2000-01-24 EARLIER APPLICATION NUMBER: PCT/US99/17130 EARLIER FILING DATE: 1999-07-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CTGACGGÇATCTAAÇCCAȚAGȚAATGAATCAAACTŢAAAŢGAAAAATAŢGAAAGTTTŢCA 1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NNATTYNRGTAWRTNNNNNMTMKTKYYBHAAWNNNNNNGKMCTAHTWWVCKATKTTKGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ACATTGTGGTGAATAAGGACAAAAGGAGAGATTGAGAACAAGAGAGCTCCAGCACCTAGC 1455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAYAWWINKWYYTTDDRWRBAYINNNNNRMAYYGAYADDYAYYMSDTCDAWMKWDATKM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AGGACTCTGACTGTAAAGGTAGGCTCTCCAAAAAATGCAGTGCCCCCTGTGATCCAT 1040
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  TCTATGTAAGATACTCAAAATATTGTTTCTGATATTGTTA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATGGAAAAAACCTGATGACATCACTATTGATGTCACCATTAACGAAAGTATAAGTCATA 1215
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                                                                                                                                                                                                                                                         Sequence 5, Application Patent No. 5834592 GENERAL INFORMATION:
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SEQ ID NO 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       EARLIER APPLICATION NUMBER: 60/095,454
EARLIER FILING DATE: 1998-08-06
EARLIER APPLICATION NUMBER: 60/095,455
EARLIER FILING DATE: 1998-08-06
NUMBER OF SEQ ID NOS: 376
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OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: SITE LOCATION: (22)
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OTHER INFORMATION:
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OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: SITE
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                               APPLICANT: Corixa Corporation
TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR UTITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ENGTH: 680
                                                                                                                                                                                  NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                      STREET: 00.
STREET: Seattle
                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/094,657
FILING DATE: 1998-07-30
APPLICATION NUMBER: 60/095,486
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APPLICATION NUMBER: 60/096,319
FILING DATE: 1998-08-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              68;
                                                                                            98104-7092
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                                                                                                                      Washington
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00 Columbia Center,
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Pred. No. 5.5e-06;
0; Mismatches 17
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                   Version
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APPLICATION NUMBER: US/08/533,669A

22-SEP-1995

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US-09-183-861-5
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Best Local S
Matches 70
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INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Webb, John R.
APPLICANT: Dillon, Davin C.
APPLICANT: Skeiky, Yasir A.W.
TITLE OF INVENTION: LEISHMANIA ANV
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
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APPLICANT: Reed, Steven G.
NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/183,861
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ent No.
                                                NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/022,765
APPLICATION NUMBER: 1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                   STREET: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Campos-Neto,
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
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                                    622-4900
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                                                                     210121.420C3
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NAME/KEY:
LOCATION:
US-09-022-765-5
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; LOCATION:
US-09-183-861-5
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        Query Match
Best Local S
Matches 70
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                            TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                 FILLING LOCATION:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
NAME: Maki, David J.
31,392
                                                                                                                                                                                                                                                                                                                                                ZIP: 98104-7092
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/09/022,765
FILING DATE: 12-FEB-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
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LENGTH: 2040 base pair
                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 2040 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                     FEATURE:
                                                                                                                                                                                                                                        REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 17
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622,4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 8
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PPLICANT: Skeiky, Yasir A.W.
(ITLE OF INVENTION: LEISHMAN)
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TYPE: nucleic acid
STRANDEDNESS: single
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Local Similarity 76.9%;
nes 70; Conservative
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2.7%;
1 Similarity 76.9%;
70; Conservative
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        Score 57.4; DB 3;
Pred. No. 1.4e-05;
0; Mismatches 21;
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hes 21;
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                                         Length 2040;
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Gaps

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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Campos-Neto, Antonio
APPLICANT: Webb, John R.
APPLICANT: Webb, John R.
APPLICANT: Webb, John R.
TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE TITLE OF INVENTION INTERAPY AND DIAGNOSIS OF LEISHMANIASIS FILE REFERENCE: 210121.420C5
CURRENT APPLICATION UNMBER: US/09/551,974A
CURRENT FILING DATE: 2000-04-14
NUMBER OF SEQ ID NOS: 101
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5
LENGTH: 2040
TYPE: DNA
ORGANISM: Leishmania braziliensis
US-09-551-974A-5
Search completed: December 25, 2004, 17:43:38 Job time : 189 secs
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US-09-551-974A-5
; Sequence 5, Application US/09551974A
; Patent No. 6500437
; Patent No. 6500437
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                                                                                                      63 GCCTGACGGACCCGGCGGCGTGCTGGGCGAGGA 93
                                                                                                                                                       61 GTGCGGCGGAAAGTAAGAGGCTCACTGGGGA 91
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Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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2155
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10675.669 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpna/PCT_1
2: /cgn2_6/ptodata/1/pubpna/PCT_1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       m2_6/ptodata/1/pubpna/USO6_PUBCOMB.seq:*
m2_6/ptodata/1/pubpna/USO7_NEW_PUB.seq:*
m2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
m2_6/ptodata/1/pubpna/USO8_NEW_PUB.seq:*
m2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
m2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
m2_6/ptodata/1/pubpna/USO9A_PUBCOMB.seq:*
m2_6/ptodata/1/pubpna/USO9A_PUBCOMB.seq:*
m2_6/ptodata/1/pubpna/USO9A_PUBCOMB.seq:*
m2_6/ptodata/1/pubpna/USO9A_PUBCOMB.seq:*
m2_6/ptodata/1/pubpna/USO0A_PUBCOMB.seq:*
m2_6/ptodata/1/pubpna/USO0A_PUBCOMB.seq:*
m2_6/ptodata/1/pubpna/USO0A_PUBCOMB.seq:*
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m2_6/ptodata/1/pubpna/USO0A_PUBCOMB.seq:*
m2_6/ptodata/1/pubpna/USO0A_PUBCOMB.seq:*
m2_6/ptodata/1/pubpna/USO0A_PUBCOMB.seq:*
m2_6/ptodata/1/pubpna/USO0A_PUB.seq:*
m2_6/ptodata/1/pubpna/USO0A_PUB.seq:*
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US-10-167-127-9
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Result No.	Score	Query Match	Query Match Length DB	BB	ID	Description
1	1242.8	57.7	4724	15	US-10-167-127-9	
N	1242.8	57.7	4724	17	US-10-717-597-14	
ω	1047.8	48.6	2064	15	US-10-061-727-1	
4	1046.2	48.5	1077	14	US-10-215-211-5	
υ	1046.2	48.5	1713	14	US-10-215-211-3	
σ	1043	48.4	2703	15	US-10-282-162-39	
7	1043	48.4	2703	18	US-10-840-138-9	
œ	1043	48.4	2709	15	US-10-282-162-41	
9	1043	48,4	2709	15	US-10-282-162-43	
10	1043	48.4	2709	18	US-10-840-138-11	
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21077,	equence 123	12314	equence 123	equence 16315,	nce 3252, A	equence 32830,	equence 3616	equence 3, Appl	equence 24,	equence 7, Appl	e 5, Appl	equence 37, App	equence 35, App	equence 3,	equence 33, App	equence 19,	equence 17, App	equence 49,	equence 47, App	equence 15, App	equence 45,	equence 25, App	equence 23,	equence 55, App	equence 53, App	equence 21, App	equence 51,	equence 1, Appl	equence 27,	equence 27, App	quence 27,

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TYPE: DNA
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 57.7%;
Best Local Similarity 99.8%;
Matches 1255; Conservative
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216 ATCGTCATGTGATCATCACCTAAGAACTAGAACATCAGCAGGCCCTTAGAAGCCTCACTC 275
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APPLICANT: SLOVER, Johns, Johns K.
APPLICANT: Stover, Jennifer A.
ITITLE OF INVENTION: METHODS FOR DIAGNOSING RCC ANI
ITITLE OF INVENTION: METHODS FOR DIAGNOSING RCC ANI
ITITLE OF INVENTION: METHODS FOR DIAGNOSING RCC ANI
ITITLE OF INVENTION NUMBER: US/10/717,597
CURRENT APPLICATION NUMBER: US/0/459,782
PRIOR APPLICATION NUMBER: US/0/459,782
PRIOR APPLICATION NUMBER: US/0/427,982
PRIOR APPLICATION NUMBER: US/0/427,982
PRIOR PILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
SOFTWARE: PACENTIN VERSION 3.2
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; LENGTH: 4724
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-14
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US-10-717-597-14
; Sequence 14, Application US/10717597
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APPLICANT: Wyeth
APPLICANT: Burczynsł
APPLICANT: Twine, N.
APPLICANT: Topcner, N.
APPLICANT: Trepicch:
APPLICANT: Slonim, I.
APPLICANT: Stover, N.
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Similarity 99.8%;
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Dorner, Andrew J.
Trepicchio, William L.
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Pred. No. 7.1e-258;
0; Mismatches 2;
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                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Sims, John E.
APPLICANT: Sims, John E.
APPLICANT: Sims, John E.
APPLICANT: Smith, Dirk E.
TITLE OF INVENTION: IL-1 RECEPTOR ACCESSORY PROTEIN
FILE REFERENCE: 3151-A
CURRENT APPLICATION NUMBER: US/10/061,727
CURRENT FILING DATE: 2001-10-26
PRIOR APPLICATION NUMBER: US 60/244,831
PRIOR FILING DATE: 2000-10-31
PRIOR FILING DATE: 2000-10-31
RUMBER OF SEQ ID NOS: 4
                                                                                                                                SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 2064
                                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/10061727 Publication No. US20030170632A1
NAME/KEY: CDS
LOCATION: (1)...(2064)
LOCATION: (1)...(2064)
OTHER INFORMATION:
NAME/KEY: misc feature
LOCATION: (1792)...(1792)
OTHER INFORMATION: "n" = a
                                                                                     TYPE: DNA
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Sequence 5, Application US/10215211
Publication No. US2030049255A1
GENERAL INFORMATION:
APPLICANT: Sime, John E.
APPLICANT: Smith, Dirk E.
APPLICANT: Smith, Dirk E.
FILE REFERENCE: 3321-A
CURRENT APPLICATION NUMBER: US/10/215,211
CURRENT ETLING DATE: 2002-08-07
PRIOR APPLICATION NUMBER: US 60/310,789
PRIOR FILING DATE: 2001-08-07
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 1077
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LOCATION: (1)..(1077)
OTHER INFORMATION:
US-10-215-211-5
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US-10-215-211-5
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Best Local Similarity 99.7
Matches 1048; Conservative
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       CCAAATGTAGATGGATATTTTCCTTCCAGTGTCAAACCGACTATCACTTGGTATATGGGC
                         CCAAATGTAGATGGATATTTTCCTTCCAGTGTCAAACCGACTATCACTTGGTATATGGGC
                                                                          CCCATGAAACTCCCAGTGCATAAACTGTATATAGAATATGGCATTCAGAGGATCACTTGT
                                                                                                         CCCATGAAACTCCCAGTGCATAAACTGTATATAGAATATGGCATTCAGAGGATCACTTGT
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TGTTATAAAATACAGAATTTTTAATAATGTTAATACCCGAAGGTATGAACTTGAGTTTCCTC

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SOFTWARE: PATENTIN Version 3.1
SEQ ID NO 3
LENGTH: 1713
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(1713)
OTHER INFORMATION:
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Publication No. US20030049255A1
GENERAL INFORMATION:
                                                                                                                                                                    Query Match 48.5%;
Best Local Similarity 99.7%;
Matches 1048; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 3321-A
CURRENT APPLICATION NUMBER: US/10/215,211
CURRENT FILING DATE: 2002-08-07
PRIOR APPLICATION NUMBER: US 60/310,789
PRIOR FILING DATE: 2001-08-07
NUMBER OF SEQ ID NOS: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Sims, John E.
APPLICANT: Smith, Dirk E.
TITLE OF INVENTION: INTERLEUKIN-1 RECEPTORS
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                                                                                                                                                                        Score 1046.2; DB 14; Length 1713; Pred. No. 1.3e-215; 0; Mismatches 3; Indels 0;
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RESULT 6
US-10-282-162-39
US-10-282-162-39
; Sequence 39, Application US/10282162
; Publication No. US20030143697A1
; GENERAL INFORMATION:
; APPLICANT: REGENERON PHARMACEUTICALS, I
; TITLE OF INVENTION: RECEPTOR BASED ANTA
; TITLE OF INVENTION: AND USING
; FILE REFERENCE: REG 203-B-US
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CCURRENT FILING DATE: 2002-10-28
PRIOR APPLICATION NUMBER: 09/787,835
PRIOR APPLICATION NUMBER: 09/787,835
PRIOR FILING DATE: 1999-09-22
PRIOR FILING DATE: 1999-09-22
PRIOR FILING DATE: 1999-09-22
NUMBER OF SEQ ID NOS: 56
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 39
LENGTH: 2703
TYPE: DAM: Homo sapiens
US-10-282-162-39
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                         GAGCTACTCATTCCCTGTACGGTCTATTTTAGTTTTCTGATGGATTCTCGCAATGAGGTT
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Publication No. US20040224893A1

APPLICANT: Lin, Hein Chieh
APPLICANT: Karow, Margaret

TITLE OF INVENTION: Methods of Using IL-1 Antagonists to Treat Neointimal Hyperplasia

FILE REFERENCE: REG 207A

CURRENT APPLICATION NUMBER: US/10/840,138

CURRENT APPLICATION NUMBER: US/10/840,138

CURRENT FILING DATE: 2004-05-06

NUMBER OF SEQ ID NOS: 28

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 9

LENGTH: 2703
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                       CCCATGAAACTCCCAGTGCATAAACTGTATATAGAATATGGCATTCAGAGGGATCACTTGT
                                                                                     TATTGCAGCAAAGTTGCATTTCCCTTGGAAGTTGTTCAAAAAGACAGCTGTTTCAATTCC
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; SOFTWARE: FastSEQ for Wir
; SEQ ID NO 41
; LENGTH: 2709
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-282-162-41
                                                                                                                                                                                                                     Sequence 41. Application US/10282162
Publication No. US20030143697A1
GENERAL INFORMATION:
APPLICANT: REGENERON PHARMACEUTICALS, INC.
APPLICANT: REGENERON PHARMACEUTICALS, INC.
TITLE OF INVENTION: RECEPTOR BASED ANTAGONISTS, ANI
TITLE OF INVENTION: AND USING
FILE REFERENCE: REG 203-B-US
CURRENT APPLICATION NUMBER: US/10/282,162
CURRENT FILING DATE: 2002-10-28
FRIOR APPLICATION NUMBER: 09/787,835
PRIOR APPLICATION NUMBER: 09/787,835
PRIOR APPLICATION NUMBER: 05/787,835
PRIOR PILING DATE: 1999-09-22
FRIOR FILING DATE: 1997-09-22
FRIOR FILING DATE: 1997-09-22
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RESULT 9
US-10-282-162-43
; Sequence 43, Application US/10282162
; Publication No. US20030143697A1

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GENERAL INFORMATION:
APPLICANT: REGENERON PHARMACEUTICALS, INC.
TITLE OF INVENTION: RECEPTOR BASED ANTAGONISTS, AND METHODS OF MAKING
TITLE OF INVENTION: AND USING
FILE REFERENCE: REG 203-B-US
CURRENT FILING DATE: 2002-10-28
PRIOR APPLICATION NUMBER: 09/787,835
PRIOR PELLING DATE: 1999-09-22
PRIOR FILING DATE: 1999-09-22
PRIOR FILING DATE: 1999-09-22
NUMBER OF SEQ ID NOMSER: PCT/US99/22045
PRIOR FILING DATE: 1999-09-22
NUMBER OF SEQ ID NOS: 56
SOFTWARE: FastSEQ for Windows Version 3.0
ENGTH: 2709
TYPE: DNA
ORGANISM: Homo sapiens
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Pred. No. 8e-215;
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US-10-840-138-11
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APPLICANT: Lin, Hsin Chieh
APPLICANT: Lin, Hsin Chieh
APPLICANT: Karow, Margaret
TITLE OF INVENTION: Methods of Using IL-1 Antagonists to Treat Neointimal Hyperplasis
FILE REFERENCE: REG 207A
CURRENT APPLICATION NUMBER: US/10/840,138
CURRENT FILING DATE: 2004-05-06
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 11
LENGTH: 2709
TYPEF. NUMBER
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Best Local Similarity
Matches 1046; Conserv
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Pred. No. 8e-215;
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APPLICANT: Mang, Li-Hsien
APPLICANT: Lin, Hsin Chieh
APPLICANT: Lin, Hsin Chieh
APPLICANT: Karow, Margaret
TITLE OF INVENTION: Methods of Using IL-1 Antagonists to Treat Neointimal Hyperplasia
FILE REFERENCE: REG 207A
CURRENT APPLICATION UNMER: US/10/840,138
CURRENT FILING DATE: 2004-05-06
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 13
SEQ ID NO 13
LENGTH: 2709
TYPE: DNA
ORGANISM: Homo sapiens
US-10-840-138-13
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Best Local Similarity 99:
Matches 1046; Conservative
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Pred. No. 8e-215;
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APPLICANT: REGENERON PHARMACEUTICALS, INC.
INTLE OF INVENTION: RECEPTOR BASED ANTAGONISTS, ANI
INTLE OF INVENTION: AND USING
FILE REFERENCE: REG 203-A
CURRENT APPLICATION NUMBER: US/09/313,942
CURRENT FILING DATE: 1999-05-19
PRIOR APPLICATION NUMBER: 09/313,942
PRIOR FILING DATE: 1999-05-19
PRIOR APPLICATION NUMBER: 60/101,858
PRIOR APPLICATION NUMBER: 60/101,858
PRIOR FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 32
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 27
LENGTH: 2733
TYPE: DNA
ORGANISM: Homo sapiens
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; NAME/KEY: CDS
; LOCATION: (1)...(2730)
US-09-313-942-27
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Best Local Similarity
Matches 1046; Conserv
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                                                           ATTGCCTTAATTCAAATAATGGAAATTACACATGTGTTGTTGCATATCCAGAAAATGGA
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Pred. No. 8.1e-215;
0; Mismatches 5;
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Sequence 27, Application US/09935868
PATENT NO. US20020164650A1
GENERAL INFORMATION:
APPLICANT: Regeneron Pharmaceuticals, Inc
TITLE OF INVENTION: Receptor Based Antagonists, and
FILE REFERENCE: REG 203D
CURRENT APPLICATION NUMBER: US/09/935,868
CURRENT FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: PCT/US99/22045
PRIOR PELLING DATE: 1999-09-22
NUMBER OF SEQ ID NOS: 52
NUMBER OF SEQ ID NOS: 52
                                                                                                                                                                                                                                                                                                                                                                                                                                 ; NAME/KEY: CDS
; LOCATION: (1)...(2730)
US-09-935-868-27
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US-09-935-868-27
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Best Local Sim
Matches 1046;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Homo sapiens FEATURE:
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 Sequence 27, Application US/10287035

Publication No. US20030104567A1

GENERAL INFORMATION:
APPLICANT: Neil Stahl and George D. Yancopou
ITITLE OF INVENTION: RECEPTOR BASED ANTAGONIS
TITLE OF INVENTION: AND USING
FILE REFERENCE: REG 203DA
CURRENT APPLICATION NUMBER: US/10/287,035
CURRENT FILING DATE: 2002-11-01
PRIOR APPLICATION NUMBER: USSN 09/935,868
PRIOR APPLICATION NUMBER: USSN 09/787,835
PRIOR APPLICATION NUMBER: USSN 09/313,942
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US-10-287-035-27
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Best Local Similarity
Matches 1046; Conserv
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PRIOR APPLICATION NUMBER: 60/101,858
PRIOR FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 60
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 27
LENGTH: 2733
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                                                                   ATTGCCTTAATTTCAAATAATGGAAATTACACATGTGTTGTTACATATCCAGAAAATGGA
                                                                                                                                                                                                                                <u> АТТСССТТААТТТСАААТААТСБОАААТТАСАСАТСТСТТСТТАСАТАТССАБААААТССА</u>
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Pred. No. 8.1e-215;
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Sequence 27, Application US/10282162

Publication No. US20030143697A1

GENERAL INFORMATION:
APPLICANT: REGENERON PHARMACEUTICALS, INC.
TITLE OF INVENTION: RECEPTOR BASED ANTAGONIS
TITLE OF INVENTION: AND USING
FILE REFERENCE: REG 203-B-US
CURRENT APPLICATION NUMBER: US/10/282,162
CURRENT FILING DATE: 2002-10-28
PRIOR APPLICATION NUMBER: 09/787,835
PRIOR APPLICATION NUMBER: PCT/US99/22045
PRIOR FILING DATE: 1999-09-22
PRIOR PILING DATE: 1999-09-22
NUMBER OF SEQ ID NOS: 56
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 27
LENGTH: 2733
TYPE: DNM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA
; CRGANIAM: Homo sapiens
; PEATURE;
; NAME/KEY: CDS
; LOCATION: (1)...(2730)
US-10-282-162-27
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Search completed: December 25, 2004, 20:25:45 Job time : 1129 secs

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10698.709 Million cell updates/sec
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